Form 3160-3				1	APPROVI	
(August 1999)	TEC			Expires No	lo. 1004-01 vember 30	
UNITED STAT		,		5. Lease Serial No.	Venioer 50	, 2000
DEPARTMENT OF THE BUREAU OF LAND MAN				U-1195		
		DEENTED		6. If Indian, Allotte	e or Tribe	Name
0 0 1 APPLICATION FOR PERMIT TO	DRILL OR	KEENIEK				
la. Type of Work: X DRILL REF	ENTER			7. If Unit or CA Ag	reement, N	lame and No.
-				NATURAL BUT		IIT
b. Type of Well: Oil Well Gas Well Other	☐ Si	ngle Zone	Multiple Zone	8. Lease Name and NBU #102		١
2. Name of Operator				9. API Well No.	47-3	E1-111
WESTPORT OIL & GAS COMPANY L.P.			* \			
3A. Address	3b. Phone No (435)-781-	(include area co	de)	10. Field and Pool, on NATURAL BUT	•	ory
P.O. BOX 1148 VERNAL, UT 84078 4. Location of Well (Report location clearly and in accordance with		irements *)		11. Sec., T., R., M.,		1 Survey or Area
At surface NENE 1023'FNL & 75'FEL 442	6718Y	39.9824	7			-
At proposed prod. Zone 430	383 X	-109.4730	o/	SECTION 6-T10)S-R22E	<u> </u>
14. Distance in miles and direction from nearest town or post office* 21.7 MILES SOUTHEAST OF OURAY, UTAH				12. County or Parish UINTAH		13. State UTAH
15. Distance from proposed*	16. No. of A	res in lease	17. Spacing Unit de	<u> </u>		
location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	577.7 5		40			
18. Distance from proposed location* to percet, well drilling completed.	19. Proposed	Depth	20. BLM/BIA Bond	No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. TOPO C	9100'		CO-1203			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5094'GL	22. Approxim	nate date work wi	ll start*	23. Estimated durati		
0007-02		tachments	W. Y		1,000	***
The following, completed in accordance with the requirements of On			hall be attached to thi	s form:		*****
The following, completed in accordance with the requirements of our						
1. Well plat certified by a registered surveyor.			•	less covered by an exis	sting bond	on file (see
2. A Drilling Plan.		Item 20 abo	•			
3. A Surface Use Plan (if the location is on National Forest System I	Lands, the	5. Operator cer	rtification.			
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other s authorized of	•	on and/or plans as may	be require	d by the
25. Signature	Nam	e (Printed/Typed)			Date	
23. Signatury	SHE	ILA UPCHE	GO		8/:	27/2003
Title						
REGULATORY ANALYST	- 1	(D. 1 (M) 1)			Data	
Application approval does not warrant or called that the applicant he	Nam	e (Printed/Typed)			Date DA-1	5-03
Approvessor	Offic	BRADL	EY G HIII			<u></u>
The le Neco	E	NVIRONMEN	TAL SCIENTIST	ш		
Application approval does not warrant or county that the applicant ho	olds legal or eq	uitable title to tho	se rights in the subject	t lease which would en	title the ap	plicant to condu
operations thereon.			-			

Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

SEP [3 2003 DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M. 1977 Brass Cap Flush W/Top of 2.0' High Pile 1977 Brass Cap 2.0' of Stones High, Pile of Stones-1977 Brass Cap - N89*52'07"W - 2240.75' (Meas.) -N89'51'54"W - 2632.28' (Meas.) -Flush W/Top of **T9S** 2.0' High Pile of Stones *T10S* True Corner N89'51'54"W - 52.80' (Meas.) LOT 1 LOT 4 LOT 3 (6.1.0.) LOT 2 NBU #1022-6A 2661.48 Elev. Ungraded Ground = 5094° 56 N00.29,W LOT 5 R 21 E Brass Cap (C.L.O.) LOT 6 N00.28'W LOT 7 1991 Alum. Cap 1.0' High, Pile of (13.79)(20.23)Stones, Steel Post Bross Coo N89'24'W - (G.L.O.)S89'41'34"W - 2640.85' (Meas.) LEGEND: (NAD 83) LATITUDE = 39.58.56.80" = 90° SYMBOL (39.982444)LONGITUDE = $109^{\circ}28^{\circ}24.65^{\circ}$ (109.473514) = PROPOSED WELL HEAD. = SECTION CORNERS LOCATED.

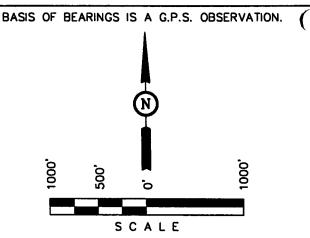
WESTPORT OIL AND GAS COMPANY, L.P.

Well location, NBU #1022-6A, located as shown in the NE 1/4 NE 1/4 (LOT 1) of Section 6, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIE

> REGISTERED' LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

> > WESTPORT OIL AND

GAS COMPANY, L.P.

UINTAH ENGINEERING SURVEYING LAND 85 SOUTH 200 EAST -VERNAL UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-01-03	DATE DRAWN: 07-16-03
PARTY K.K. M.B. D.COX	REFERENCES G.L.O. PL	AT
WEATHER	FILE WEST	TOODT OU AND

WARM

= SECTION CORNERS RE-ESTABLISHED. (Not Set On Ground)

NBU #1022-6A NE/NE Sec. 6,T10S,R22E UINTAH COUNTY, UTAH U-1195

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1290'
Wasatch	4500'
Mesaverde	7110'
TD	9100'

2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:</u>

Substance	<u>Formation</u>	<u>Depth</u>
Gas Gas	Green River Wasatch Mesaverde	1290' 4500' 7110'
Water Other Minerals	N/A N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. <u>Proposed Casing & Cementing Program:</u>

Please see the Natural Buttes Unit SOP.

5. <u>Drilling Fluids Program</u>:

Please see the Natural Buttes Unit SOP.

6. <u>Evaluation Program</u>:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9100' TD, approximately equals 3640 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1638 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please see Natural Buttes Unit SOP.

10. Other Information:

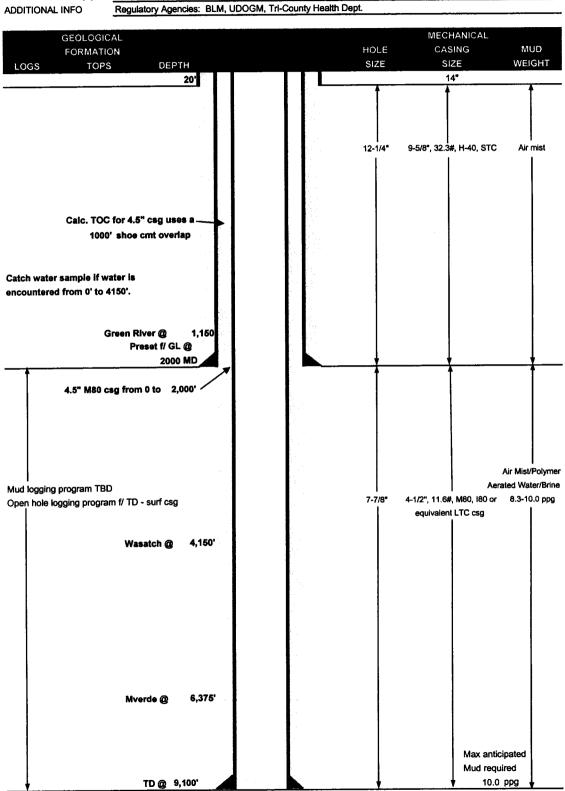
Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

Westport Oil and Gas Co., L.P. DATE August 13, 2003 COMPANY NAME MD/TVD NBU 1022-6A TD 9,100' WELL NAME Natural Buttes 5,083' GL KB 5,098' **ELEVATION** FIELD **COUNTY Uintah** STATE Utah BHL Straight Hole SURFACE LOCATION 1023' FNL, 75' FEL, NENE, SEC. 6, T10S, R22E OBJECTIVE ZONE(S) Wasatch/Mesaverde





CASING PROGRAM

						Į	DESIGN FACT	ORS
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	16"	0-20'				2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	7780	1.32 6350	4.49 201000
PRODUCTION	4-1/2"	0 to 2000	11.60	M-80	LTC	2.85 5350	1.72 4960	2.18 162000
PRODUCTION	4-1/2"	2000 to 9100	11.60	J-55	LTC	1.69	1.05	2.25

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2730 psi

Blirst Sit is low but cag is much stronger than formation st 2000's ENW @ 2000 for 2270# is 2 t 8 ppg or 1.13 pa/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
			+ .25 pps flocele				·
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	N LEAD	2,650'	Premium Lite II + 3% KCI + 0.25 pps	280	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,450'	50/50 Poz/G + 10% salt + 2% gel	1520	60%	14.30	1.31
							1

^{*} or 15% over caliper

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.							
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.							
		-						

ADDITIONAL INFORMATION

	BOPE: 11" 3M with one and	nular and 2 rams. Test to 3,000 psi (annular to	,500 psi) prior to drilling out. Record on chart recorder &
	tour sheet. Function test ra	ms on each trip. Maintain safety valve & inside	3OP on rig floor at all times. Kelly to be equipped with upper
	& lower kelly valves.		
	Drop Totco surveys every 2	000'. Maximum allowable hole angle is 5 degree	s.
RILLING	ENGINEER:		DATE:
		Brad Laney	
RILLING	SUPERINTENDENT:		DATE:

NBU #1022-6A NE/NE Sec. 6,T10S,R22E UINTAH COUNTY, UTAH U-1195

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1022-6A on 8/19/03, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 200' +/- of proposed access road. Refer to Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 1300' of pipeline is proposed. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 12 mil reserve pit liner with felt will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Gardiner Salt Brush	4 lbs.
Shade Scale	4 lbs.
Galletta Grass	3 lbs.
Crested Wheat Grass	1 lbs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego Regulatory Analyst Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7024 Randy Bayne
Drilling Manager
Westport Oil &Gas Company L.P.
P.O. Box 1148
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Mulaly (hg)
Sheila Upchego

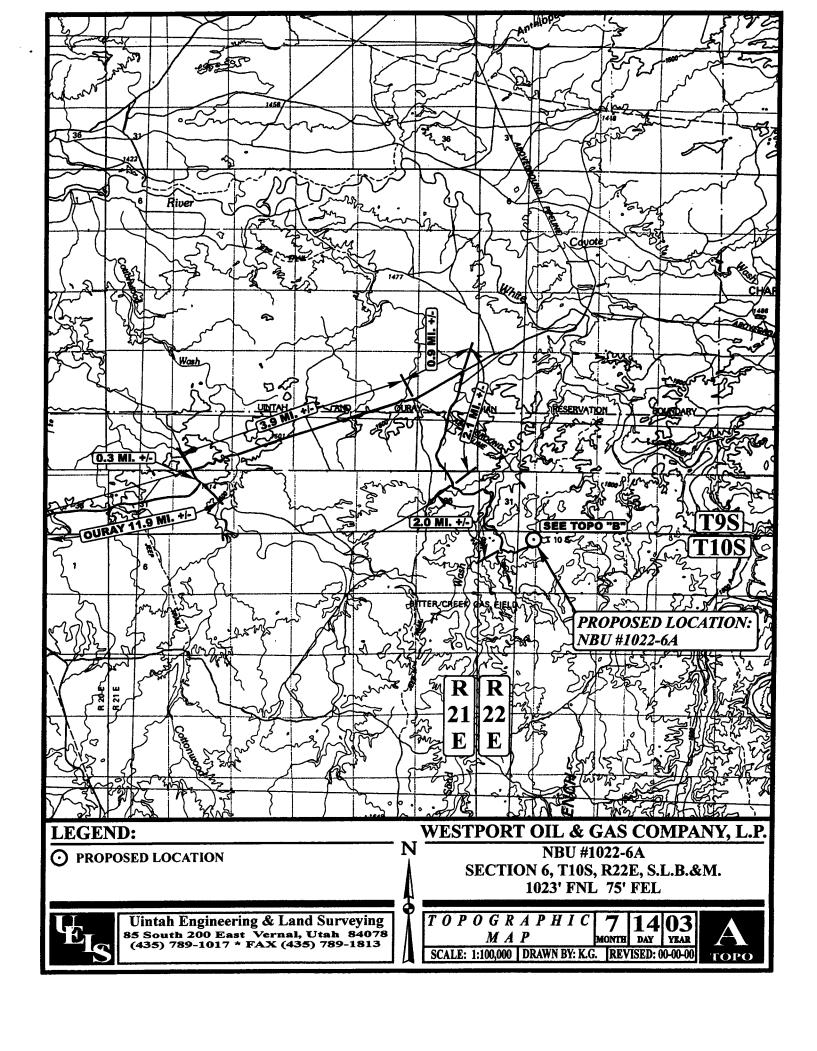
8/27/03

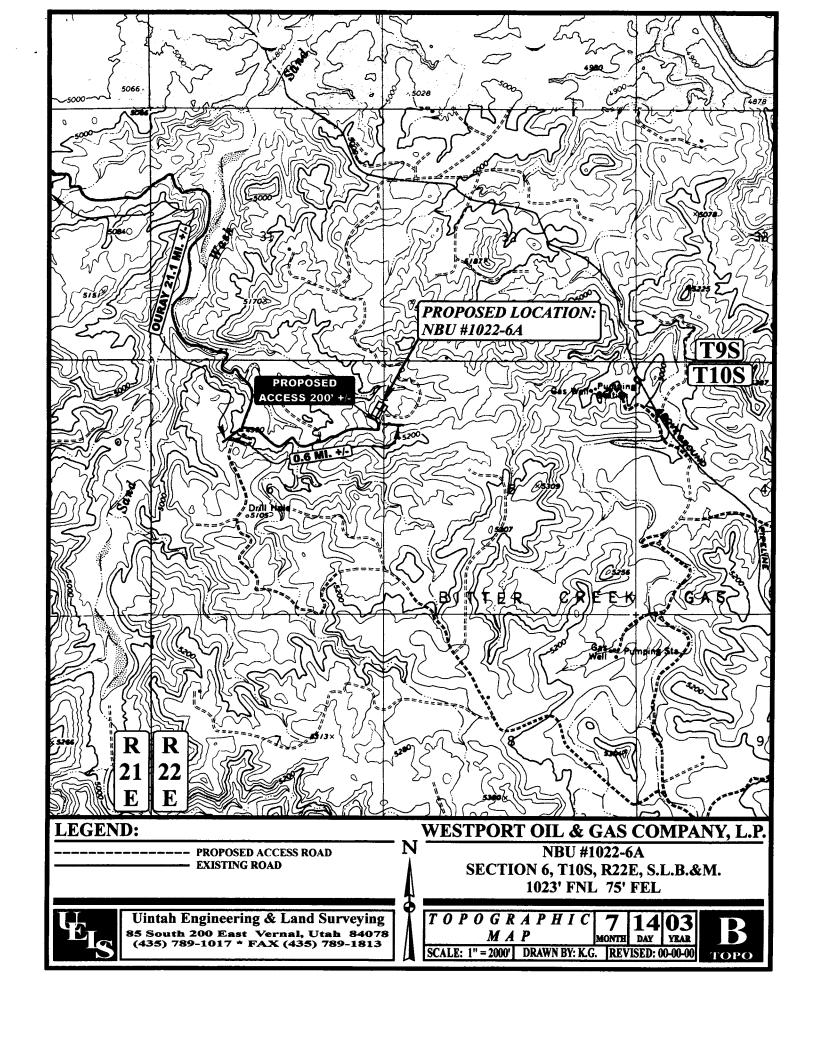
Date

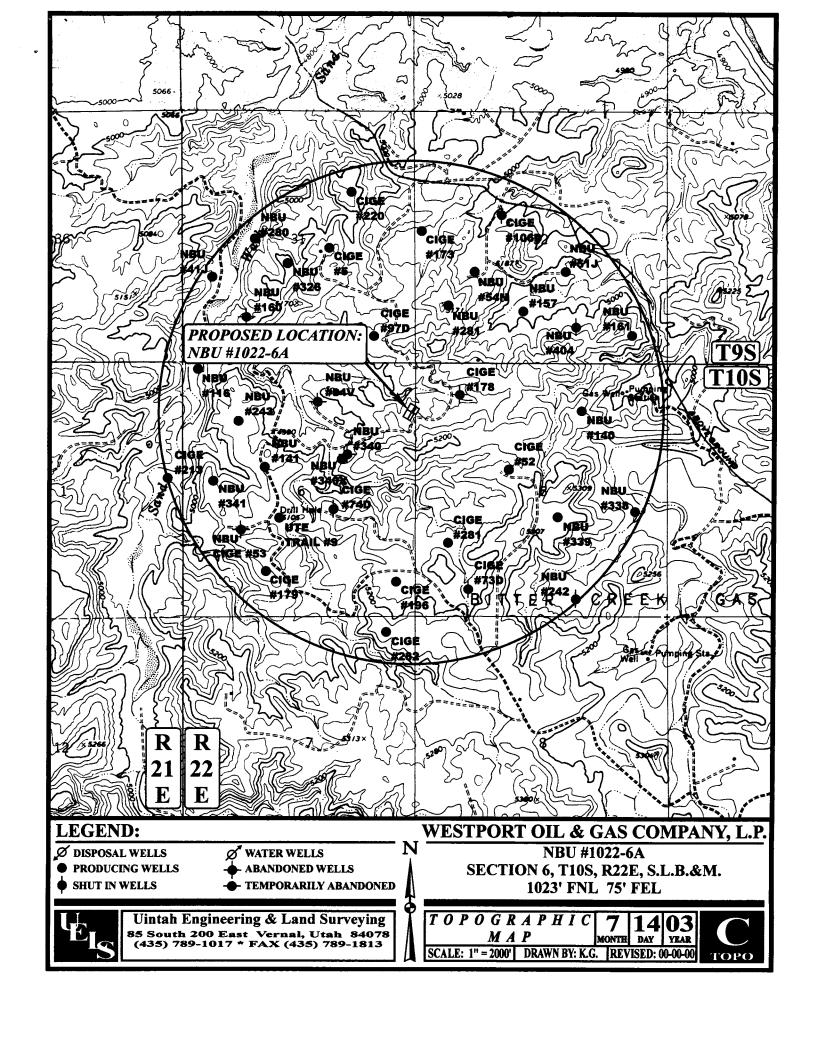
WESTPORT OIL & GAS COMPANY, L.P. NBU #1022-6A SECTION 6, T10S, R22E, S.L.B.&M.

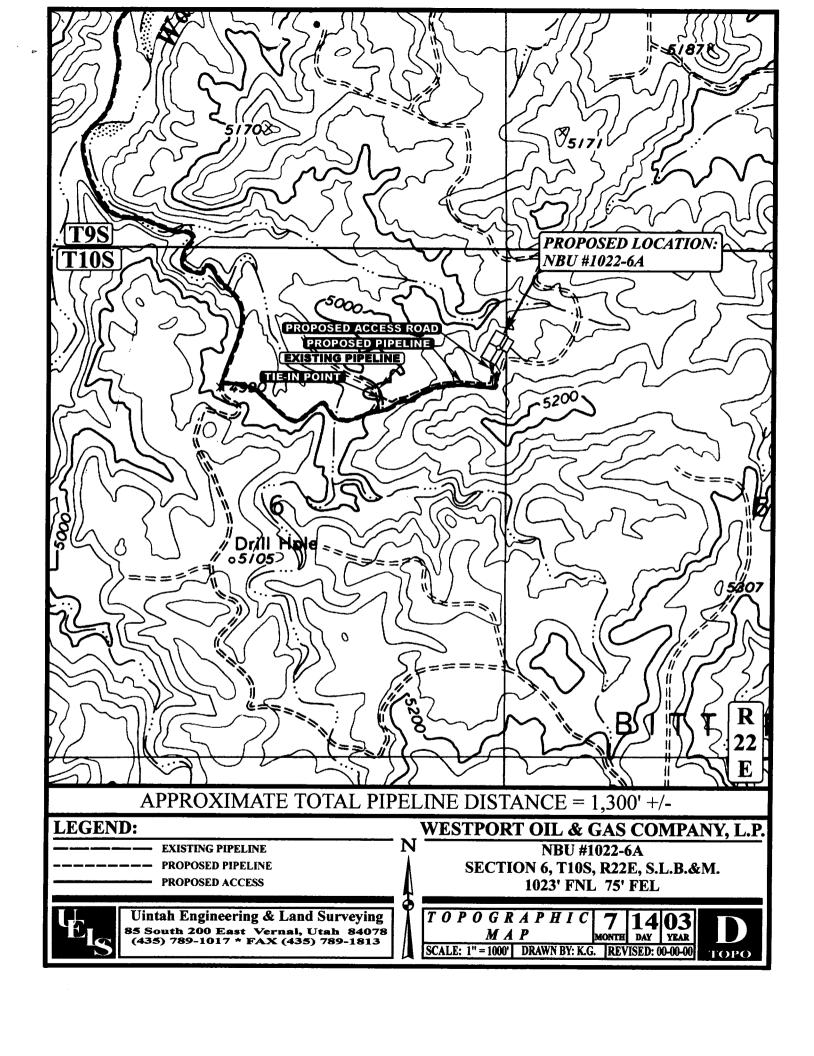
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST: TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 4.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY THE 200° PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.7 MILES.









WESTPORT OIL & GAS COMPANY, L.P.

NBU #1022-6A LOCATED IN UINTAH COUNTY, UTAH SECTION 6, T10S, R22E, S.L.B.&M.

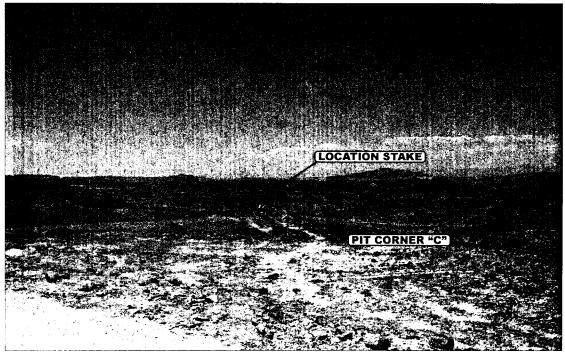


PHOTO: VIEW FROM PIT CORNER "C" TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

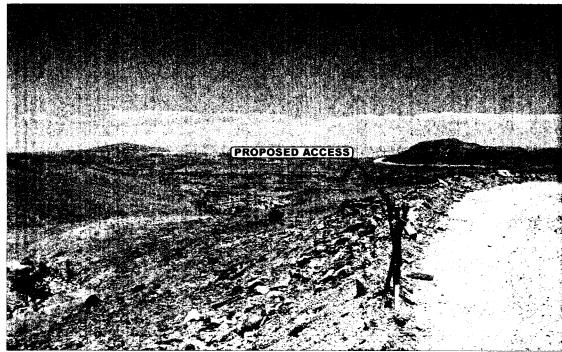


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



Uintah Engineering & Land Surveying

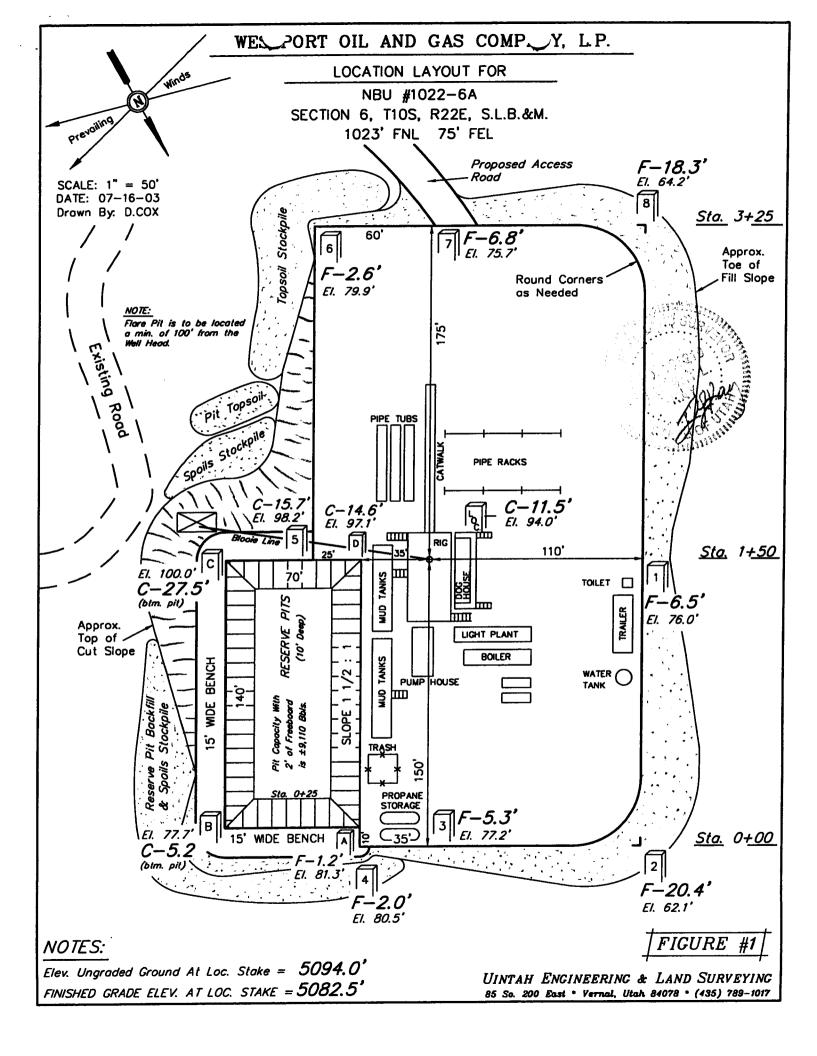
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

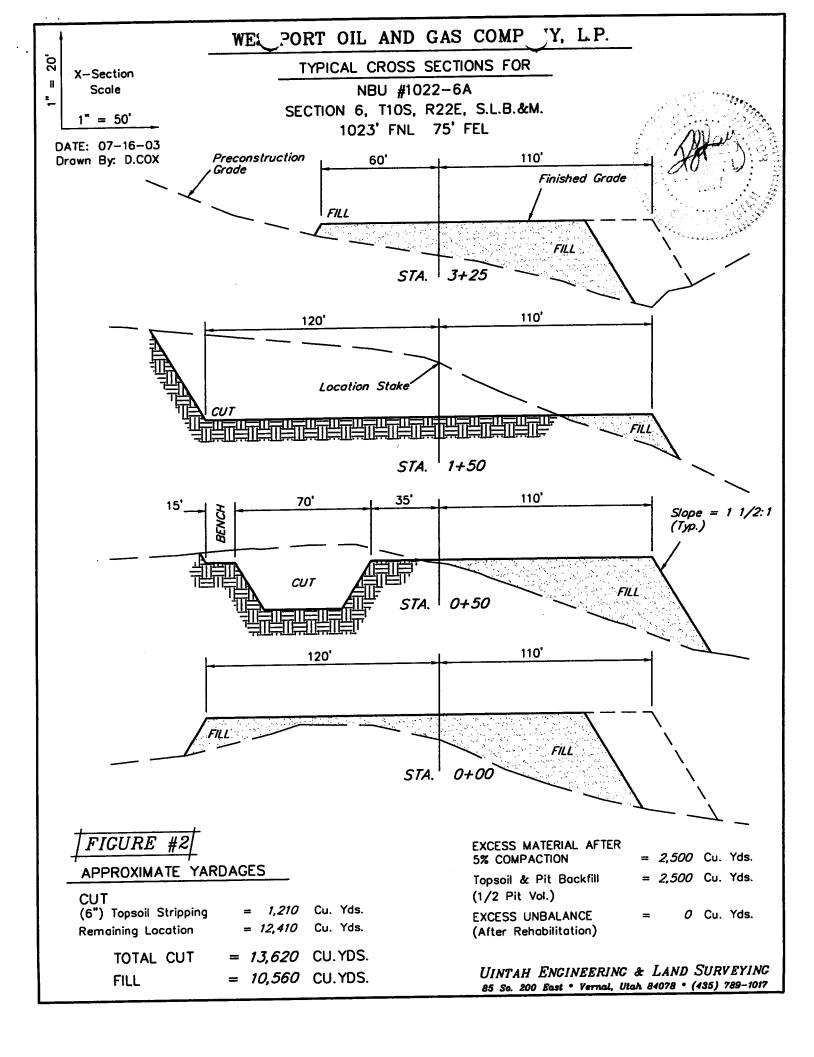
LOCATION PHOTOS 7 14 03
MONTH DAY YEAR

TAKEN BY: K.K. DRAWN BY: K.G. REVISED: 00-00-00

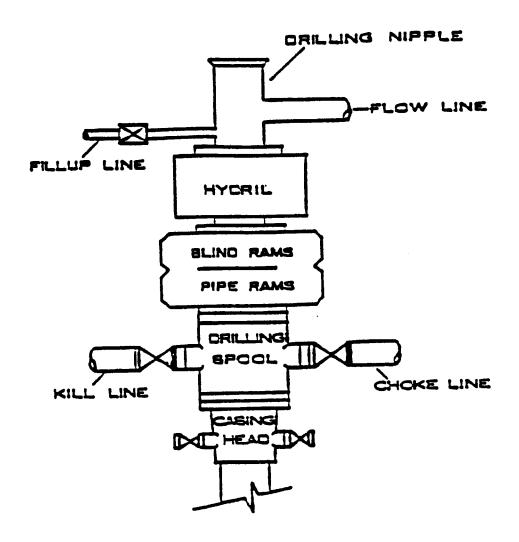
РНОТО

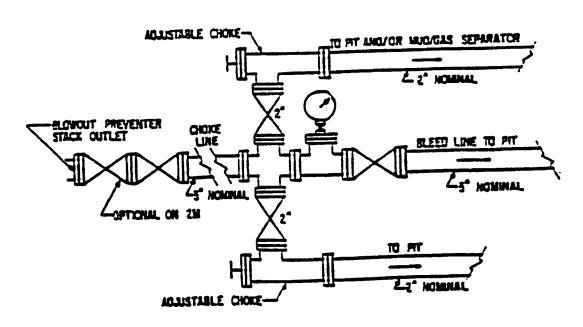
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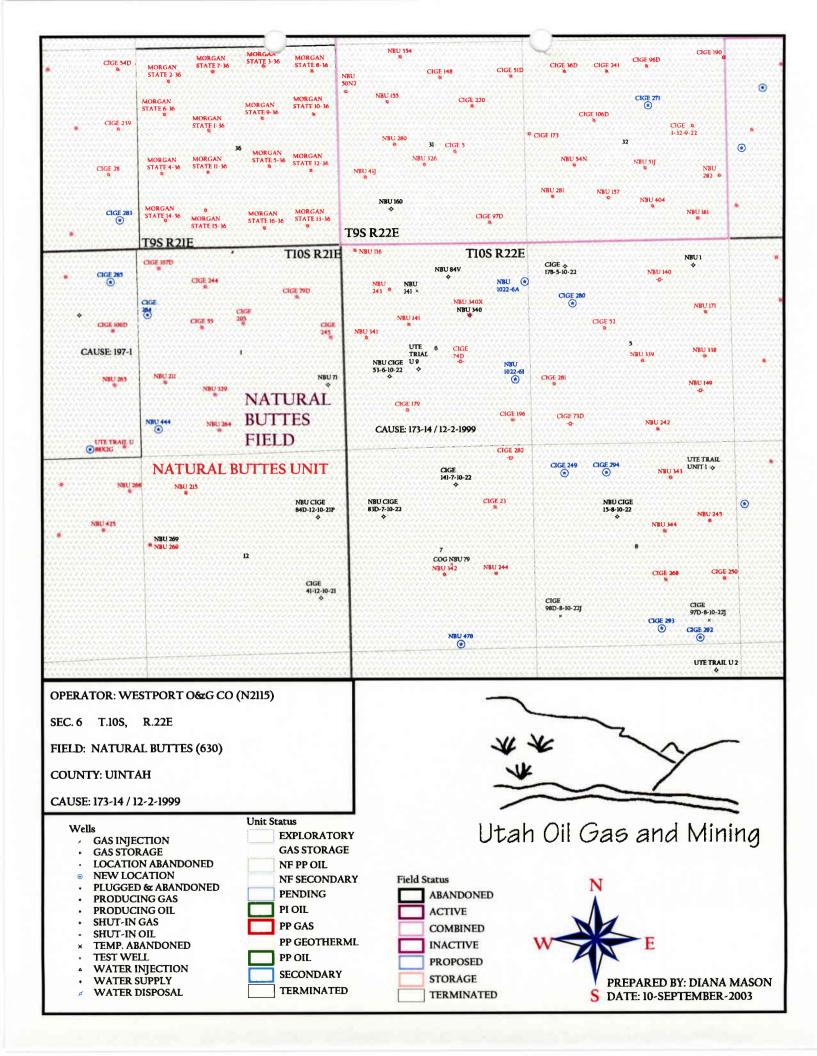
EOP STACK





WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/03/2003	API NO. ASSIGNED: 43-047-35174
WELL NAME: NBU 1022-6A	
OPERATOR: WESTPORT OIL & GAS CO (N2115)	
CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 435-781-7024
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENE 06 100S 220E SURFACE: 1023 FNL 0075 FEL	Tech Review Initials Date
BOTTOM: 1023 FNL 0075 FEL UINTAH	Engineering
NATURAL BUTTES (630)	Geology
LEASE TYPE: 1 - Federal	Surface
LEASE NUMBER: U-1195 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: MVRD	LATITUDE: 39.98247 LONGITUDE: 109.47301
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) MAP Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit NATURAL BUTTES R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 173/M Eff Date: 12-2-1999 Siting: M/20' fr & knowledge Wells R649-3-11. Directional Drill
COMMENTS: Sop, Separate him	
STIPULATIONS: 1-bderaf approxi-	



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 11, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Natural Buttes Unit,

Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 2003 within the Natural Buttes Unit, Uintah County, Utah.

Api Number Well Location

(Proposed PZ Mesaverde)

43-047-35174 NBU 1022-6A Sec. 6 T10S R 22E 1023 FNL 0075 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit

Division of Oil Gas and Mining

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-11-3



Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

September 15, 2003

WestPort Oil & Gas Company P O Box 1148 Vernal, UT 84078

Re:

Natural Buttes Unit #1022-6A Well, 1023' FNL, 75' FEL, NE NE, Sec. 6, T. 10 South,

R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35174.

Sincerely,

John R. Baza

Associate Director

DilFlunt

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office



Operator: WestPort Oil & Gas Company							
Well Name & Number Natural Buttes Unit #1022-6A							
API Number:	43-	-047-35174	7-35174				
Lease: U-1195							
Location: NE NE	Sec. 6	T. 10 South	R. 22 East				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3					APPROVED	
(August 1999)	TEC				o. 1004-0136 vember 30, 2000	
	UNITED STATES DEPARTMENT OF THE INTERIOR					
BUREAU OF LAND MA	U-01195	5. Lease Serial No.				
				6. If Indian, Allottee	or Tribe Name	
0 0 6 APPLICATION FOR PERMIT TO	O DRILL OI	KEENIEK				
1a. Type of Work: X DRILL R	EENTER			7. If Unit or CA Agre	eement, Name and No.	
1. 1) po ot 10 time				NATURAL BUTT	ES UNIT	
П П			Multiple 7ene	8. Lease Name and V		
b. Type of Well: Oil Well Gas Well Other	<u></u>	Single Zone	Multiple Zone	NBU #102	Z-0A	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.				9. All Well No.		
3A. Address	3b. Phone N	o finclude area co	de)	10. Field and Pool, or		
P.O. BOX 1148 VERNAL, UT 84078	(435)-781	-70245 5		NATURAL BUT		
4. Location of Well (Report location clearly and in accordance wi	th any State req	uirements.*)	2 2003	11. Sec., T., R., M., o	or Blk, and Survey or Area	
	† 1	SEP (2 2003	SECTION 6-T10	S-R22F	
At proposed prod. Zone 14. Distance in miles and direction from nearest town or post office	e*			12. County or Parish		
21.7 MILES SOUTHEAST OF OURAY, UTAH	•	Бу		UINTAH	UTAH	
15. Distance from proposed* location to nearest	16. No. of A	Acres in lease	17. Spacing Unit of	ledicated to this well		
property or lease line, ft. (Also to nearest drig. unit line, if any)	577 75		40			
TR Distance from proposed location*	577.75	d Denth	20. BLM/BIA Box	nd No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. TOPO C	9100'	20pu.	CO-1203			
			11 about#	23. Estimated duration	nn .	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		imate date work wi	II Start	TO BE DETERM		
5094'GL		Attachments				
The following, completed in accordance with the requirements of 0			shall be attached to t	his form:		
The following, completed in accordance with the requirements of	Justione On and					
1. Well plat certified by a registered surveyor.		4. Bond to co	ver the operations	unless covered by an exist	ting bond on file (see	
2. A Drilling Plan.		Item 20 ab	ove).			
3. A Surface Use Plan (if the location is on National Forest System	n Lands, the	5. Operator ce				
SUPO shall be filed with the appropriate Forest Service Office.		i .	-	tion and/or plans as may l	oe required by the	
		authorized				
25. Signature		me (Printed/Typed)		į	Date 8/27/2003	
/ //www woodings	SF	IEILA UPCHE	GU	1	0/21/2003	
Title						
REGULATORY ANALYST Applicated by (Signature)	Na	me (Printed/Typed))	· · · · · · · · · · · · · · · · · · ·	Date /	
Town of D (LON MAR)	!				12/02/2003	
Title Assistant Field Manager	Off	ice			, ,	
Mineral Resources	i				ista she amalia ta aa-dua	
Application approval does not warrant or certify that the applicant	holds legal or e	equitable title to the	ose rights in the subje	ect lease which would ent	itie the applicant to conduc	
operations thereon.						
Conditions of approval, if any, are attached.	ke it a crime for	any nerson knowi	noly and willfully to	make to any department	or agency of the United	

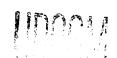
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

DEC 0 5 2003

DIV. OF OIL, GAS & MINING



Well No.: NBU 1022-6A

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	Westport Oil & Gas Company LP.
Well Name & Number: _	NBU 1022-6A
Lease Number:	U-01195
Location: Lot 1 Sec.	6 T. 10S R. 22E
API Number:	43-047-35174
Agreement:	Natural Buttes WS MV

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected</u> to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

Well No.: NBU 1022-6A

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the Green River formation which has been identified at ± 1560 '.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Cement Bond Logs will be required from TD to the top of cement.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

6. Notifications of Operations

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

7. Other Information

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

Page 3 of 3

Well No.: NBU 1022-6A

CONDITIONS OF APPROVAL

For The **Surface Use Program** Of The Application For Permit To Drill

- Paint the facilities the Carlsbad Canyon color.
- Line the pit with plastic and felt.
- The seed mix for this location shall be:

Shadscale	Atriplex confertifolia	4 lbs./acre
Galleta grass	Hilaria jamesii	3 lbs./acre
Gardner saltbush	Atriplex gardneri	4 lbs./acre
Crested wheatgrass	Agropyron cristatum	1 lbs./acre

- -All pounds are in pure live seed.
- -Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:_	WESTPOL	RT OIL & GAS C	OMPANY LP
Well Name:	NBU 1022-	-6A	
Api No: 43-04	7-35174	Lease Type:	FEDERAL
Section <u>06</u> Tow	nship <u>10S</u> Range_	22E County	UINTAH
Drilling Contractor _	PETE MARTIN	RI	G#RATHOLE
SPUDDED:			
Date _	06/05/04		
Time _	2:00 PM		
How_	DRY		
Drilling will com	mence:		
Reported by	BILL BROGDI	N	
Telephone #	1-435-828-0983		
Date06/07/20	04Signed	CHD	

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB NO. 1004-0135	
Expires: November 30, 2000	

5. Lease Serial No. U-01195

009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an							
Do not use this abandoned well.	6. If Indian, Allottee or T	Tribe Name					
SUBMIT IN TRIPLICATE - Other instructions on reverse side.						7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES	
Type of Well Oil Well	r				8. Well Name and No. NBU 1022-6A		
Name of Operator WESTPORT OIL & GAS COMP	Contact:	SHEILA UPC E-Mail: supche	HEGO go@westportresc	ourcescorp.com	9. API Well No. n 43-047-35174		
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		3b. Phone No. Ph: 435.781 Fx: 435.781)	10. Field and Pool, or Ex NATURAL BUTTE		
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description	1)			11. County or Parish, an	d State	
Sec 6 T10S R22E NENE 1023	FNL 75FEL				UINTAH COUNT	Υ, UT	
12. CHECK APPR	OPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	DATA	
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deep	en	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Fract	ture Treat	☐ Reclam	ation	☐ Well Integrity	
Subsequent Report	□ Casing Repair	_	Construction	☐ Recomp		☑ Other Well Spud	
☐ Final Abandonment Notice	☐ Change Plans		and Abandon		arily Abandon	Wen Space	
13. Describe Proposed or Completed Oper	☐ Convert to Injection			☐ Water I	1		
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) MIRU BILL JR'S RIG #5. DRILLED 20" CONDUCTOR HOLE TO 54'. RAN 14" CONDUCTOR PIPE CMT W/ 50 SX CMT. DRILLED 12 1/4" SURFACE HOLE TO 1865'. RAN 9 5/8" 32.3# H-40 CSG. CMT W/LEAD 160 SX 16% GEL, 10#/SK GILSONITE 3% SAL; T-1/4#/SK FLOCELE -3# SK GR-3. TAILED W/200 SX 2% CACL2 1/4#/SK FLOCELE. TOP OUT W/180 SX 4% CACL2 1/4#/SK SL FLOCELE 540 TOTAL SX. GOOD CIRC THRU OUT JOB. NO CMT TO SURFACE. 1ST TOP OUT JOB 130 SX W/4% CACL2 CMT FELL. 2ND TOP OUT JOB 50 SX W/4% CACL2 CMT TO SURFACE & STAYED. SPUD WELL LOCATION ON 6/4/04 AT 12:00 PM							
14. I hereby certify that the foregoing is true and correct. Electronic Submission #32518 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY L.P, sent to the Vernal							
Name (Printed/Typed) SHEILA UI	PCHEGO		Title REGU	LATORY AN	ALTSI		
Signature Electronic	ubriis in her	/	Date 06/29/	2004			
	THIS SPACE F	OR FEDERA	L OR STATE	OFFICE U	SE		
Approved By			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu	itable title to those rights in the ct operations thereon.	ne subject lease	Office				
Title 18 U.S.C. Section 1001 and Title 43 V States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it tatements or representations a	a crime for any pe as to any matter w	erson knowingly a ithin its jurisdictio	nd willfully to m n.	ake to any department or a	gency of the United	

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

008

PASO PRODUCTION JUN-17-2004 THU 03:52 PM EL

ENTITY ACTION FORM - FORM 6				VERNAL, UTAH 84078							
				INC. ALAME			WELL LO	CATION .		EFFECTIVE	
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	DATE
B	99999	2900	43-047-35174	NBU 1022-6A	NENE	6	108	22E	UINTAH	6/4/2004	
	DMMENTS:	0) 100	<u> </u>				L				
	TE MARTIN I	ORILING	muro								
		ON ON 6/4/04	AT 12:00 PM.						·		
ACTION	CURRENT	NEW	API NUMBER	WELL NAME				CATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			QQ	SC	TP	RG	COUNTY	DATE	DATE
WELL 2 C	OMMENTS:									<u> </u>	<u> </u>
ACTION	CURRENT	NEW	API NUMBER	WELL NAME			WELL L	DCATION		SPUD	EFFECTIVE
ACTION CODE	ENTITY NO.	ENTITY NO.	ATTROMOLIT		QQ	SC	TP	RG	COUNTY	DATE	DATE
WELL 3 C	OMMENTS:										
ACTION	CURRENT	NEW	API NUMBER	WELL NAME			WELLL	OCATION		SPUD	EFFECTIVE
ACTION	ENTITY NO.	ENTITY NO.	ATTOMIDEN		QQ	SC	ΤP	RG	COUNTY	DATE	DATE
0022				-							
WELL 4 C	OMMENTS:		<u> </u>								
			1	INCLL MARK			WELL	OCATION		SPUD	EFFECTIVE
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	00	SC	TIP	RG	COUNTY	DATE	DATE
CODE	ENTITY NO.	ENTITY NO.		RECEIVED		"	1				
WELL 5 C	OMMENTS:			JUN 1-7 2004	<u> </u>						
ACTION (CODES (See in	structions on bac	k of form)	DIV. OF OIL, GAS & MININ	G					1/2	rhi n
A-	Establish new e	entity for new we	l (single well only)	Post-It* Fax Note 7671	Date		ages		-Signature	LIKT TIL	mg
			group or unit well) g entity to another existir	CO/DEPA LATVAM	CP/) FOR	NOT DE	<u>CHEGO</u> 16. CÑ I	P	-		06117104
D.	Re-assign well	from one existing in comments sec	g entity to a new entity	Phone (80) (33 433)	Phone 12	3) 18I	1-1029	1.	REGULATOR Title	RY ANALYST	06/17/04 Date
			why each Action Code	Fax #(BOI) 35A-3A4U	Fax #/	<u>35) 78/</u>	-709	<u> </u>	Phone No.	(435)	781-7024

OPERATOR. WESTPORT O&G COMPANY L.P.

VERNAL, UTAH 84078

ADDRESS

1368 SOUTH 1200 EAST

OPERATOR ACCT. NO. N 2115

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES

5. Lease Serial No. U-01195

010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

6. If Indian, Allottee or Tribe Name

Type of Well		Name and No. J 1022-6A					
Name of Operator WESTPORT OIL & GAS COM		Well No. 047-35174					
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	1368 SOUTH 1200 EAST Ph: 435.781.7024						
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)		11. Co	unty or Parish, and	State		
Sec 6 T10S R22E NENE 1023	BFNL 75FEL		UIN	NTAH COUNTY,	UT		
12. CHECK APPE	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF N	IOTICE, REPORT	, OR OTHER D	ATA		
TYPE OF SUBMISSION		TYPE OF	ACTION				
T Nation of Latent	☐ Acidize	☐ Deepen	☐ Production (Sta	rt/Resume)] Water Shut-Off		
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation		Well Integrity		
Subsequent Report ■	☐ Casing Repair	■ New Construction	☐ Recomplete	ē	Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	□ Temporarily Al	oandon 1	Drilling Operations		
	☐ Convert to Injection	□ Plug Back	■ Water Disposal				
FINISHED DRILLING FROM 54' TO 8801'. RAN 4 1/2" 11.6# I-80 LTC CSG. CMT W/20 SX SCAVENGER @9.5 PPG 8.44 YIELD. LEAD CMT W/450 SX @11.3 PPG 3.01 YIELD. TAILED W/2000 SX 50/50 POZ @14.3 PPG 1.31 YIELD. RELEASED CAZA 12 ON 7/25/04 AT 0600 HRS RECEIVED AUG 0 3 2004 DIV. OF OIL, GAS & MINING							
14. I hereby certify that the foregoing is	Electronic Submission #33 For WESTPORT OIL	583 verified by the BLM Well & GAS COMPANY L.P., sent					
Name (Printed/Typed) SHEILA L	IPCHEGO	Title REGUL	ATORY ANALYST				
Signature Signature	Submission Mey	Date 07/26/2	004				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
A		Title			Date		
	Approved By Title						
certify that the applicant holds legal or eq which would entitle the applicant to cond	uitable title to those rights in the su act operations thereon.	bject lease Office					
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a cristatements or representations as to	me for any person knowingly and any matter within its jurisdiction.	willfully to make to an	y department or age	ncy of the United		
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **							

Form 3160-5 (August 1999)

UNITED STATES

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

DEPARTMENT OF THE INTERIOR						Expires: November 30, 2000		
						Lease Serial No. U-01195		
011	SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.						Tribe Name	
•	SUBMIT IN TRII		7. If Unit or CA/Agreer NATURAL BUTT					
1. Type of Well						8. Well Name and No. NBU 1022-6A		
	☑ Gas Well ☐ Oth							
Name of Opera WESTPORT	OIL & GAS COM	IPANY L.P	SHEILA U E-Mail: sup	IPCHEGO chego@westportresour	cescorp.com			
3a. Address 1368 SOUTI VERNAL, U	Н 1200 EAST Г 84078		Ph: 435	No. (include area code) .781.7024 781.7094		10. Field and Pool, or E NATURAL BUTT		
		, R., M., or Survey Description)			11. County or Parish, a	nd State	
Sec 6 T10S	R22E NENE 1023	BFNL 75FEL				UINTAH COUNT	Y, UT	
1	2. CHECK APPI	ROPRIATE BOX(ES) TO) INDICA	TE NATURE OF N	OTICE, RE	EPORT, OR OTHER	DATA	
TYPE OF S	UBMISSION			TYPE OF	ACTION	. ""		
= N .:		☐ Acidize	_ I	Deepen	☐ Producti	on (Start/Resume)	☐ Water Shut-Off	
☐ Notice of I	ntent	☐ Alter Casing		Fracture Treat	☐ Reclama	ation	☐ Well Integrity	
Subsequen	t Report	□ Casing Repair		New Construction	☐ Recomplete		Other	
☐ Final Aban	donment Notice	☐ Change Plans		Plug and Abandon	☐ Tempora	arily Abandon	Production Start-up	
		☐ Convert to Injection		Plug Back	☐ Water D	isposal		
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 8/22/04 AT 12:00 AM.								
PLEASE RE	FER TO THE AT	TACHED CHRONOLOGI	CAL WEL	L HISTORY.				
						RECEIVED		

AUG 3 0 2004

	DIV. OF OIL, GAS & MINING					
14. I hereby certify that the foregoing is true and correct. Electronic Submission #35094 verified For WESTPORT OIL & GAS CO	by the BLM Well Information System					
Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST					
Signature Submission (Submission)	Date 08/27/2004					
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE					
	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office					

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-6A

	SPUD Air Rig	Surface Casing	Activity	Status
4/29/04			Build Location, 20% complete	Caza 12
4/30/04			Build Location, 30% complete	Caza 12
5/3/04			Build Location, 30% complete	Caza 12
5/4/04			Build Location, 40% complete	Caza 12
5/5/04			Build Location, 40% complete	Caza 12
5/6/04			Build Location, 60% complete	Caza 12
5/7/04			Build Location, 90% complete	Caza 12
5/10/04			Build Location, 95% complete	Caza 12
5/11/04			Build Location, 95% complete	Caza 12
5/12/04			Build Location, 95% complete	Caza 12
5/13/04			Build Location, 100% complete	Caza 12
5/14/04			Build Location, 95% complete	Caza 12
5/17/04			Build Location, 95% complete	Caza 12
5/18/04			Build Location, 95% complete	Caza 12
5/19/04			Build Location, 95% complete	Caza 12
5/20/04			Build Location, 100% complete	Caza 12
5/21/04			Build Location, 100% complete	Caza 12
5/24/04			Build Location, 100% complete	Caza 12
5/25/04			Build Location, 100% complete	Caza 12
5/26/04			Build Location, 100% complete	Caza 12
5/27/04			Build Location, 100% complete	Caza 12

5/28/04				Build Location ,	100% complete	Caza 12
5/31/04				Build Location ,	100% complete	Caza 12
6/1/04				Build Location ,	100% complete	Caza 12
6/2/04				Build Location ,	100% complete	Caza 12
6/3/04				Build Location ,	100% complete	Caza 12
6/4/04				Build Location ,	100% complete	Caza 12
6/7/04				Build Location ,	100% complete	Caza 12
6/8/04				Build Location ,	100% complete	Caza 12
6/9/04				Build Location,	100% complete	Caza 12
6/10/04				Build Location ,	100% complete	Caza 12
6/11/04				Build Location,	100% complete	Caza 12
6/14/04				Build Location,	100% complete	Caza 12
6/15/04				Build Location,	100% complete	e Caza 12
6/16/04				Build Location,	100% complete	e Caza 12
6/17/04				Build Location,	100% complete	e Caza 12
6/18/04				Location Built,	WOAR	Caza 12
6/21/04				Location Built,	WOAR	Caza 12
6/22/04				Location Built,	WOAR	Caza 12
6/23/04				Location Built,	WOAR	Caza 12
6/24/04	6/23/0	4		Spud w/Air Rig	. Drill to 925'	Caza 12
6/25/04	6/23/0	4		Drill to 1010'.	WO rig 5	Caza 12
6/28/04	6/23/0	4	9 5/8" @ 1831'	Drill to 1865'. S	Set 9 5/8" csg	WORT Caza 12
6/29/04	6/23/0	4	9 5/8" @ 1831'	Drill to 1865'. S	Set 9 5/8" csg	WORT Caza 12
6/30/04	6/23/0	4	9 5/8" @ 1831'	Drill to 1865'. S	Set 9 5/8" csg	WORT Caza 12
7/1/04	6/23/0	4	9 5/8" @ 1831'	Drill to 1865'. S	Set 9 5/8" csg	WORT Caza 12
7/2/04	6/23/0	4	9 5/8" @ 1831'	Drill to 1865'. S	Set 9 5/8" csg	WORT Caza 12
7/6/04	TD: 1865'	Csg.	9 5/8"@ 1832'	MW: 8.4	SD: 7/X/04	DSS: 0

Move Caza 12 from NBU 470 to NBU 1022-6A. Rig on Rig Repair. Changing out mud tanks, working on derrick and draw works.

7/7/04

TD: 1865' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/X/04 DSS: 0 Rig on Rig Repair. Changing out mud tanks, working on derrick and draw works.

7/8/04

TD: 1865' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/X/04 DSS: 0 Rig on Rig Repair. Changing out mud tanks, working on derrick and draw works.

7/9/04

TD: 1865' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/X/04 DSS: 0 Rig on Rig Repair. Changing out mud tanks, working on derrick and draw works.

7/12/04

TD: 1865' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/12/04 DSS: 0 Finish changing out mud tanks and working on derrick and draw works. Rig up rotary tools. NU and test BOPE. PU 7 7/8" PDC bit and Mud Motor and tag cement @ 1743'. Drill shoe joint @ report time.

7/13/04

TD: 3125' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/12/04 DSS: 1 Drill shoe joint. Rotary spud 7 7/8" hole @ 0700 hrs. 7/12/04. Drill from 1865'-3125'. DA @ report time.

7/14/04

TD: 4302' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/12/04 DSS: 2 Drill from 3125'-4302'. DA @ report time.

7/15/04

TD: 5351' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/12/04 DSS: 3 Drill from 4302'-5110'. Losing fluid to formation. Drill with partial returns from 5110'-5270'. Drill to 5351. DA @ report time with full returns. Top of Wasatch @ 4490'.

7/16/04

TD: 6210' Csg. 9 5/8"@ 1832' MW: 8.4 SD: 7/12/04 DSS: 4 Drill from 5351'-6210'. DA @ report time. (Lost 200 bbls water to formation last 24 hrs).

7/19/04

TD: 7835' Csg. 9 5/8"@ 1832' MW: 9.2 SD: 7/12/04 DSS: 7 Drill from 6210'-7067'. Close in mud system and begin light mud up. Drill to 7835'. TFNB @ report time. (Top of Mesaverde @ 7081').

7/20/04

TD: 8155' Csg. 9 5/8"@ 1832' MW: 9.5 SD: 7/12/04 DSS: 8 Drill from 7835'-7850' with partial returns. Build volume with 10% LCM. Drill to 8155. DA @ report time. (Lost 250 bbls mud last 24 hrs).

7/21/04

TD: 8606' Csg. 9 5/8"@ 1832' MW: 10.4 SD: 7/12/04 DSS: 9 Drill from 8155'-8606'. Took gas kick @ 8606', 20 bbl gain. Shut well in and raise mud weight to control gas. Circulate through choke with 10.4 # kill mud with 20 ppb LCM @ report time.

7/22/04

TD: 8729' Csg. 9 5/8"@ 1832' MW: 10.8 SD: 7/12/04 DSS: 10 Well shut-in. Build volume and raise MW to 10.4 w/ 20% LCM. Pump 365 bbls of 10.4 mud w/ no returns. Build mud volume. Drill from 8606'-8729'. Shut well in and raise MW to 10.8 w/ 20% LCM. Circulating gas out @ report time.

7/23/04

TD: 8801' Csg. 9 5/8"@ 1832' MW: 11.6 SD: 7/12/04 DSS: 11 Circ gas out thru choke. Drill f/ 8729'-8798'. Lost 300 bbls while drlg. Build volume and raise MW. Drill f/ 8798'-8801'. Took gas kick. Shut-in and circ thru choke. Raise MW to 11.3 w/ 23% LCM. Circ 11.3 mud and lost 241 bbls. Shut-in, build volume, raise MW to 11.6 w/ 25% LCM. Circulating thru choke with 11.6 mud in and 11.2 out @ report time.

7/26/04

TD: 8801' Csg. 9 5/8"@ 1832' MW: 11.6 SD: 7/12/04 DSS: 11 Circulate out gas and build volume. Short trip 15 stds. CCH for casing. POOH laying down drill string. Run and cement 4 ½" Production Casing. Released rig @ 0600 hrs 7/25/08. Rig down rotary tools and paint derrick.

7/27/04

TD: 8801' Csg. 9 5/8"@ 1832' MW: 11.6 SD: 7/12/04 DSS: 11 Set out and paint derrick. SDFN. Will move to NBU 463 on 7/28/04.

8/13/04

PROG: ROAD RIG FROM #10 TO NBU 1022-6A. SPOT IN EQUIP. RIH UP ND TREE, NUBOP. MIRU B&C QUICK TEST & TEST CSG & BOP TO 7500#. GOOD TEST XO FROM EQUIP TO 2-3/8 TBG EQUIP TALLY & PICK UP 2-3/8 TBG TAG @ 8771' W/270 JTS RU PMP & LINES. DISP CSG W/ 136 BBL 2% KCL WATER. POOH & LD 10 JTS SDFN.

8/16/04

PROG: POOH W/ 2,3/8 TBG MIRU CUTTERS PERF @ 8530'-38' 4 SPF 8594'-02' 4 SPF W/ 3,3/8 EXPGUNS 23 GM .35 HOLES NO BLOW SDFN.

8/17/04

PROG: DAY 3. HELD SAFETY MEETING. MIRU BJ SERV. PRES TEST SURF EQUIPMENT TO 8K#. OPEN WL, 2120# ON WL. START FRAC ON STAGE 1, ZONE FR 8530 - 8538' 4 SPF: 8594 - 8602' 4 SPF. PERFS BROKE @ 3783# EST RATE @ 29.5 BPM, 4910#. ISIP: 3800#. FG - 0.77 PERF OPEN CALC = 81%. FRAC WL AS PER SCHEDULED. MP: 5458#, MR: 45.7 BPM, AP: 5232#, AR: 45.6 BPM, ISIP: 3800#, NET PRES INCREASE: 900#, FG: 0.88. RU CUTTERS WL SERV, PU 10K CBP & 3-3/8" PERF GUN. RIH, SET CBP @ 8480', SHOOT ZONE FR 8250 - 8445'. POOH & LD TLS. RU BJ.

STAGE 2: ZONE BRK @ 5240#, EST INJ RATE @ 35.8 BPM, 5700#, FG: 0.75, ISIP: 2600#. PERFS OPEN CALC - 78% (34/44). FRAC AS PER SCHEDULED. MR: 39.8, MP: 4769#. AR: 39.7, AP: 4600#. ISIP - 3500#, FG: 0.85, NET PRES INCR: 900#. TOTAL SD PMPD: 931 BBL, TOTAL FL PMPD: 931 BBL. RU CUTTERS, PU 10K CBP & 3-3/8" PERF GUN. RIH SET PLUG @ 7650'. SHOOT PERFS FR 7605 - 7613' & 7536 - 7544'. POOH LD WL TLS. RU BJ.

STAGE 3: ZONE BRK @ 5381#, EST INJ RAGE @ 37.1 BPM, 5600#, ISIP: 2350#, FG: 0.74. PERFS OPEN CALC - 67% (21/32). FRAC AS PER SCHEDULED. MR: 44.9, MP: 5400, AR: 44.7 AP: 5037. ISIP: 3100, FG: .84. NET INCREASE: 750#, TOTAL SD: 213,133#. TOTAL FL PMPD: 1925. RU CUTTERS PU 10K CBP & 3-3/8" GUN. RIH, SET PLUG @ 7390', PUH PERF PERFS FR 7216' - 7352', 2 SPF. POOH, LD TLS. RU BJ SERV.

STAGE 4: PERFS BROKE @ 3447#, EST RATE @ 39 BPM, 5100#. PERFS OPEN CALC 100% (32/32) FRAC AS PER SCHEDULED. TOTAL SD: 135346#. TOTAL FL PMPD: 1149 BBL. MR: 45.2, MP: 4320, AR: 45.2, AP: 4149. FG: 0.77, NET PRES INCREASE: 370#, ISIP: 2420#. RU CUTTERS, PU 10K CBP & 3-3/8" PERF GUN. RIH, SET CBP @ 7168', PUH, SHOOT PERFS @ 7134 - 7142' (4 SPF) & 7062 - 7070' (2 SPF). POOH, LD WL TLS, RU BJ.

STAGE 5: PERFS BROKE @ 3360#. EST RATE - 38.6 BPM, PRES: 5860#. ISIP-2050#, FG: 0.72, PERFS OPEN CALC - 62% (20/32). FRAC WL AS PER SCHEDULED. MP: 5136#, MR: 45.4, AP: 4482#, AR: 45.2 BPM, ISIP: 2700#, FG: .82, TOTAL SD: 212,800 LBS, TOTAL FL PMPD: 1681 BBLS. NPI: 650#. RD BJ, RU CUTTERS WL, PU 10K CBP & 3-1/8" OD HSC PER GUN, RIH, SET CBP @ 6950'. PUH SHOOT PERFS FR 6850 - 6860'. POOH, PU 3-1/8" OD HSC GUN, RIH, SHOOT PERFS FR 6614 - 6750'. POOH, LD TLS & LUB, SWS SDFN.

8/19/04

PROG: 1100# SICP KILL WL W/ 210 BBL 10# BRINE POOH LD POBS & BIT PICK UP NEW POBS & BIT RIH TAG SD @ 6900' RU DRLG EQUIP CO SD DRLG PLUG @ 6950' NO KICK RIH TAG @ 7150' 18' SD ON PLUG CO SD DRLG PLUG @ 7168' NO KICK RIH TAG @ 7360' 15' SD ON PLUG CO SD DRLG PLUG @ 7390' 100# KICK CIRC CLEAN SWISDFN.

8/20/04

PROG: 700# SICP RIH TAG @7630' 20' SD ON PLUG CO SD DRLG PLUG @ 7650' 100# KICK RIH TAG @ 8470' 10 SD ON PLUG CO SD DRLG PLUG @ 8480' 500# KICK RIH TAG @ 8717' CIRC CLEAN PULL & LD 23 JTS 2-3/8 TBG LAND ON WL HEAD W/252 JTS 2-3/8 EOT 8204' ND BOP NU TREE PMP OFF BIT RD TURN WL TO FLOW CREW FLOW ON 24/64 CHK W/ TP:1600#, CP: 1000#.

WELL ON FLOWBACK, FLOWBACK REPORT: CP:1750, TP: 1400, 24/64 CHK, 40 BWPH, 19 HRS, SD: LIGHT, TTLS BBLS FLWD: 1045, TODAY'S LTR: 9556, LOAD REC TODAY: 1,045, REMAINING LTR: 8,511, TOTAL LOAD REC TO DATE: 1,045.

8/23/04

PROG: 8/22/04: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 2100#, TP: 1350#, 24/64 CHK, 15 BWPH, 24 HRS, SD: CLEAN, TTLS BBLS FLWD: 540, TODAY'S LTR: 7716 BBLS, LOAD REC TODAY: 540 BBLS, REMAINING LTR: 7,176 BBLS, TOTAL LOAD REC TO DATE: 2,380 BBLS.

WELL WENT ON SALES 8/22/04, 12:00 AM. 2000 MCF, 18/64 CHK, SICP: 2160#, FTP: 1599#, 15 BWPH. <u>FINAL REPORT.</u>

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT Expires: November 30, 2000 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No. U-01195 la. Type of Well Oil Well ☑ Gas Well ☐ Dry Other 6. If Indian, Allottee or Tribe Name b. Type of Completion New Well ☐ Work Over □ Deepen Plug Back ☐ Diff. Resvr. Other 7. Unit or CA Agreement Name and No. Name of Operator
 WESTPORT OIL & GAS COMPANY L.P Contact: SHEILA UPCHEGO 8. Lease Name and Well No. m NBU 1022-6A E-Mail: supchego@westportresourcescorp.c 1368 SOUTH 1200 EAST 3. Address 3a. Phone No. (include area code) Ph: 435.781.7024 VERNAL, UT 84078 9. API Well No. 43-047-35174 Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 6 T10S R22E Mer SLB
 At surface NENE 1023FNL 75FEL 10. Field and Pool, or Exploratory NATURAL BUTTES 11. Sec., T., R., M., or Block and Survey or Area Sec 6 T10S R22E Mer SLB At top prod interval reported below At total depth 12. County or Parish 13. State UINTAH ŨΤ 14. Date Spudded 06/04/2004 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, KB, RT, GL)* 07/23/2004 5094 GL 18. Total Depth: MD 8801 19. Plug Back T.D.: MD 8766 20. Depth Bridge Plug Set: TVD MD TVD TVD 1. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR-CBL, THERMAL M() LITAO 22 Was well cored? No No No ☐ Yes (Submit analysis) ☐ Yes (Submit analysis) ☐ Yes (Submit analysis) Was DST run? Directional Survey? 23. Casing and Liner Record (Report all strings set in well) Stage Cementer Hole Size Bottom Size/Grade No. of Sks. & Wt. (#/ft.) Slurry Vol. (MD) (MD) Depth Cement Top* Amount Pulled Type of Cement (BBL) 20.000 14.000 STEEL 60.0 54 50 12.250 9.625 H-40 32.3 1865 720 7.875 4.500 I-80 11.6 8801 2470 24. Tubing Record Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2.375 8205 25. Producing Intervals 26. Perforation Record Formation Тор Bottom Perforated Interval Size No. Holes Perf. Status A) **MESAVERDE** 7062 7142 7062 TO 7142 B) WASATCH 6614 6860 6614 TO 6860 C) WASATCH 6312 6422 6312 TO 6422 D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 7062 TO 7142 FRAC W/212,770# 20/40 SD 6614 TO 6860 FRAC W/162,256# 20/40 SD W/1285 BBLS 17# GEL 6312 TO 6422 FRAC W/177,297# 20/40 SD W/1341 BBLS 17# GEL DIV. OF OIL, GAS & MINING 28. Production - Interval A Date First Test Hours Gas Water BBL Oil Gravity Gas Gravity Date Production Method Production BBL MCF Corr. API 08/24/2004 24 0.0 1663.0 360.0 FLOWS FROM WELL

Produced 08/22/2004 Choke Tbg. Press. Csg. Press. 24 Hr. Qil Gas MCF Gas:Oil Size Well Status Fiwg. 1413 Rate BBL BBL Ratio 18/64 2042.0 1663 360 PGW 28a. Production - Interval B Date First Test Oil Gas MCF Water Oil Gravity Produced Date Tested Production Method BBL RRI Corr. API Gravity 08/22/2004 08/24/2004 24 0.0 1663.0 360.0 FLOWS FROM WELL Choke Tbg. Press Csg. Press. 24 Hr. Oil Gas MCF Water Gas:Oil Well Status Flwg. 1413 BBL BBL 18/64 2042.0 n 1663 360 **PGW**

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #36316 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

^{**} OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
roduced 08/22/2004	Date	Tested 24	Production	BBL 0.0	MCF 1663.0	BBL 360.0	Corr. API	Gravity		S FROM WELL
hoke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well Status		
18/64	Flwg. 1413 SI	Press. 2042.0	Rate	BBL 0	MCF 1663	360	Ratio	PGW	ı	
	ction - Interva	L		<u>. </u>	1 1000	1		1 . 34	·	
ate First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
oke te	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status		
9. Dispos SOLD	ition of Gas(S	old, used f	for fuel, vent	ed, etc.)						
0. Summa	ary of Porous 2	Zones (Inc	lude Aquife	rs):				31.	Formation (Log) Marke	rs
tests, ir	all important zo neluding depth coveries.	ones of po interval to	rosity and coested, cushio	ontents there on used, time	of: Cored in tool open,	ntervals and a flowing and	all drill-stem shut-in pressures			
]	Formation		Тор	Bottom		Description	ns, Contents, etc.		Name	Top Meas. Dep
/ASATCH			4479 7042	7042 7042						ivicas. Dep
ESAVER	.DC		7042	7042						
		- 1						İ		
		ĺ								
		:			1					
2. Additio	nal remarks (i	nclude plu	gging proce	dure):	_L			<u>J</u> _		RECEIVED
NO RE	MARK PRO	VIDED							·	
										AUG 1 2 2005
									DIV.	OF OIL, GAS & MIN
3. Circle e	nclosed attach	ments:								
	trical/Mechani		-		2	. Geologic F	Report	3. DST	Report 4.	Directional Survey
5. Sund	lry Notice for	plugging a	and cement v	erification	6	. Core Anal	ysis	7 Other	:	
4 11 .				-1:-C				16	11	
4. I hereby	certity that th	e foregoir	Electr	onic Submi	ssion #3631	6 Verified b	y the BLM Wel	ll Information	able records (see attached System.	instructions):
]	For WESTI	PORT OIL	& GAS CO	MPANY L.P, s	ent to the Verr	nal	
		HEILA U	PCHEGO_		2 5 7		Title RE	GULATORY .	ANALYST	· <u></u>
Name (p	olease print) Ş	7	11/2/	10 1.						
Name (p		MU	Submission	n/IU	90		Date <u>09</u>	/17/2004		

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 S	outh 1200	East		
Vernal, UT 84078	Vernal	, UT 84078	3		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
l 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If NO , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	<u>-</u>	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The FORMER operator has requested a release of liability from the	•	n/a	rider adde		
The Division sent response by letter on:					
LEASE INTEREST OWNER NOTIFICATION:					
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

4 Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

_ 	5. Lease Serial No.						
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an					MULTIPLE LEASES		
Do not use this abandoned well.	6. If Indian, Allottee or Tr	ibe Name					
SUBMIT IN TRIPL	ICATE – Other instruc	tion	s on reverse	side	7. If Unit or CA/Agreemen	nt, Name and/or No.	
I. Type of Well							
Oil Well X Gas Well	Other			····	8. Well Name and No.		
2. Name of Operator		•			MUTIPLE WELL	S	
KERR-McGEE OIL & GAS C					9. API Well No.		
3a. Address			Phone No. (include	L			
4. Location of Well (Footage, Sec.,			781-7024		10. Field and Pool, or Explo	oratory Area	
4. Location of Well (Fundinge, Sec.,	1., K., M., or Survey Description)].	11 0		
SEE ATTACHED					11. County or Parish, State		
					UINTAH COUNTY, L	JTAH	
	ROPRIATE BOX(ES) TO IN	DICA	ATE NATURE C	OF NOTICE, RE	EPORT, OR OTHER DAT	ГА	
TYPE OF SUBMISSION			TYP	E OF ACTION			
Notice of Intent	Acidize [D	еереп	Production (Start/Resume) Water 5	Shut-Off	
Subsequent Report	Alter Casing	=	acture Treat	Reclamation		* ·	
Subsequent Report	Casing Repair Change Plans	=	ew Construction ug and Abandon	Recomplete		CHANGE OF	
Final Abandonment Notice	Convert to Injection		ug and Abandon ug Back	∏ Temporarily Water Dispose		ATOR	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin-	operations. If the operation results bandonment Notices shall be filed	ınan	multiple completion :	or recompletion in	a new interval a Form 2160 4	aball ba Cl_ 4	
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS C	CHED WELL LOCATION	18. 1	EFFECTIVE J	ANUARY 6, 2	2006.	RECEIVED	
OF THE LEASE(S) FOR THE	E OPERATIONS COND	UCT	ED UPON I F	ASE LANDS	ROND COVERAGE	MAY 1 0 2006	
IS PROVIDED BY STATE O	F UTAH NATIONWIDE I	BON	ID NO. RLB00	05237.	ם באינוסט פרוספ. ת	IV OF OIL GAS & MINING	
BLM BOND = C0/203 APPROVED 5/6/06 DIV. OF OIL, GAS & MINING							
BIA B	OND = RLB 000	50	239 (arlene,	Russell		
14. I hereby certify that the foregoing	g is true and correct		Divis	ilon of Oll, C	as and Mining		
- X · I- · · - · · · · · ·					ingineering Technicia	u .	
RANDY BAYNE DRILLING MANAGER Date							
Kanky Sayre May 9, 2006							
THIS SPACE FOR FEDERAL OR STATE USE							
Approved by			Title		Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	table title to those rights in the subject	rant or t lease	Office	248.4			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, N	ame and/or No.					
I. Type of Well							
Oil Well X Gas Well	Other .			8. Well Name and No.			
2. Name of Operator				MUTIPLE WELLS			
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.			
3a. Address		3b. Phone No.	include area code)				
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)					
055 47740450				11. County or Parish, State			
SEE ATTACHED				UINTAH COUNTY, UTA	н		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACT	ION			
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off		
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·			
X Subsequent Report	Casing Repair	New Construe		complete Other CHANGE			
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R		
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal			
ronowing completion of the myoryed	perations. If the operation result bandonment Notices shall be filed at inspection. DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1		
	APPR	OVED 3	5/6/06	RECEIV	√ED		
	$\mathcal{L}a$	rlove Ri	issell				
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006		
	Dariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0. ******		
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING		
Name (Printed/Typed)		Title					
BRAD LANEY Signature			ING SPECIAL	IST			
orginature .		Date May 9, 2006	3		-		
	THIS SPACE	FOR FEDERAL					
Approved by		Title		Date			
Olack January				5-9-06			
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office					
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

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Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

U-1195

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.						6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE – Other instructions on reverse side							CA/Agreer	ment, Name and/or No.
1. Type of Well	1. Type of Well							S UNIT
Oil Well X Gas Well	Other					8. Well Nam	e and No.	
2. Name of Operator	· · · · · · · · · · · · · · · · · · ·			-		NBU 102	2-6A	
KERR-McGEE OIL & GAS	ONSHORE LP					9. API Well	No.	
3a. Address		3b. Phor	ne No. (inclu	ıde arı	ea code)	430473517	4	
1368 SOUTH 1200 EAST \	/ERNAL, UT 84078	(435) 78	31-7024			10. Field and I	ool, or Ex	ploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				NATURAL	BUTTE	S
						11. County or	Parish, Sta	te
NENE SECTION 6, T10S, R	22E 1023'FNL, 75'FEI	<u>-</u>				UINTAH C	YTNUC	, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE	OF 1	NOTICE, F	REPORT, OR C	THER D	ATA
TYPE OF SUBMISSION			TY	PE O	F ACTION	N		
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	=	n re Treat Construction		Reclamation			er Shut-Off I Integrity er
Final Abandonment Notice	Change Plans Convert to Injection	Plug ar	nd Abandon ack		Temporari Water Disp	ly Abandon oosal		
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin.	Ily or recomplete horizontally, girk will be performed or provide to perations. If the operation resultandonment Notices shall be filed	ve subsurface he Bond No. ts in a multip	locations an on file with ole completion	nd mea BLM on or re	sured and tru /BIA. Requi ecompletion	e vertical depths or red subsequent rej in a new interval,	of all penin pons shall b a Form 316	ent markers and zones. be filed within 30 days 50-4 shall be filed once
THE OPERATOR REQUESTIFIED OPERATOR PROPOSITION THE ORIGINAL COMMINGLED WITH THAT	ES TO RECOMPLETE	THE UPI	PER WAS	SAT NEW	CH INTE	RVALS EXC PLETION W	LUDED	
PLEASE REFER TO THE AT	TACHED RECOMPLE	TION PF	ROCEDU	IRE.	Utah Oil, Gar	Division of and Mini	ng	Action is 1100
14. I hereby certify that the foregoing	is true and correct	1		Dav		4	-	
Name (Printed/Typed) Sheila Upchego Regulatory Analyst								
Sheila Upchego	Date	atory Arra	aiySi					
MINULLANCE	(UET)		0, 2006				=	
	THIS SPACE	FOR FED	ERAL OR	STAT	E USE			
Approved by		Т	ìtle			Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	able title to those rights in the subj		Office					
Title 18 HS C Section 1001 make	t a crime for any person know	vingly and	willfully to	make	to any den	artment or agen	cv of the I	Inited States any

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the Onited States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED APR 1 4 2006

NBU 1022-6A

1023' FNL & 75' FEL

NENE - Section 6 - T10S - R22E

Uintah County, UT

KBE:

5109'

API NUMBER:

43-047-35174

GLE:

5094'

LEASE NUMBER:

UTU-01195

TD:

9240'

WI:

100%

PBTD:

8766' (Float Collar)

NRI:

81.248%

CASING:

12.25" hole

9.625", 32.3#, H-40 @ 1832'.

Cemented with 160 sx. Lite lead, 200 sx. Class G tail. Top out with 180 sx.

Class G. TOC at surface.

7.875" hole

4.5", 11.6#, I-80 @ 8789'. Marker joint @ 4412'.

Cemented with 450 sx. Premium Lite II lead (1355 cuft) and 2000 sx. 50-50

Pozmix tail (2620 cuft).

TUBING:

2.375" 4.7# J-55 landed at 8203.5' (252 jts). Profile nipple at 8205' MD.

Tubing is swung.

Tubular	Drift	Collapse	Burst	Capacitie	es	
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
Annular Capacities						
2.375" tbg. X 4.5" 11.6# c	esg.	0.4226	0.0565	0.01006		
4.5" csg. X 9.625" 32.3# c	2.4780	0.3314	0.0590			
4.5" csg. X 7.875" hole	1.7052	0.2278	0.0406			

EXISTING PERFORATION DETAIL:

Formation	Date	Top	Bottom	SPF	Status
(18, 5) (1) (1)					
Wasatch	8/17/04	6314	6322	2	Open
Wasatch	8/17/04	6414	6422	2	Open
Wasatch	8/16/04	6614	6617	4	Open
Wasatch	8/16/04	6742	6750	2	Open
Wasatch	8/16/04	6850	6860	2	Open
Mesa Verde	8/16/04	7062	7070	2	Open
Mesa Verde	8/16/04	7134	7142	2	Open
Mesa Verde	8/16/04	7216	7224	2	Open
Mesa Verde	8/16/04	7344	7352	2	Open
Mesa Verde	8/16/04	7536	7544	2	Open
Mesa Verde	8/16/04	7605	7613	2	Open
Mesa Verde	8/16/04	8250	8256	2	Open
Mesa Verde	8/16/04	8390	8398	2	Open

Mesa Verde	8/16/04	8441	8445	4	Open
Mesa Verde	8/13/04	8530	8538	4	Open
Mesa Verde	8/13/04	8594	8602	4	Open

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
-----------	-------------------

Uinta	Surface
Green River	1252'
Wasatch	4479'
Mesa Verde	7042'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~1000' MSL
USDW Depth	~4109' KBE

WELL HISTORY:

Completion – January-February 2000

- TD'd on 26 July 2004.
- SPOT IN EQUIP. RIH UP N/D TREE, N/UBOP. MIRU B&C QUICK TEST & TEST CSG & BOP TO 7500# (GOOD TEST). X/O FROM EQUIP TO 2-3/8 TBG EQUIP TALLY & PICK UP 2-3/8 TBG TAG @ 8771' W/270 JTS R/U PMP & LINES. DISP CSG W/ 136 BBL 2% KCL WATER. POOH W/ 2-3/8 TBG MIRU WL SERV & PERF THE GROSS MESA VERDE INTERVAL F/8530' T/8602' @ 8530'-8538' (4 SPF) & 8594'-8602' (4 SPF) 64 HLS W/ 3-3/8 EXP GUNS, 23 GM, 0.35 HLS. NO KICK. SDFN. PREP TO FRAC ON MONDAY, AUGUST 16, 2004.
- MIRU PUMP SERV. PRES TEST SURF EQUIP TO 8K#. OPEN WL, 2120# ON WL. START FRAC ON <u>STAGE 1</u>: BRK PERFS @ 3783# EST RATE @ 29.5 BPM, 4910#. ISIP: 3800#. FG: 0.77 PSI/FT PERF OPEN CALC = 81%. TOTAL SN PUMP: 136,748# 20/40 & TOTAL FLUID PUMP: 973 BBLS LIGHTNING 18. MP: 5458#, MR: 45.7 BPM, AP: 5232#, AR: 45.6 BPM, ISIP: 3800#, NET PRES INC: 900#, FG: 0.88 PSI/FT.
- STAGE 2: R/U WL SERV, P/U 10K CBP & 3-3/8" PERF GUN, 23 GM, 0.35 HLS. RIH, SET CBP @ 8480', SHOOT GROSS MESA VERDE INTERVAL F/8250' T/8445' @ 8250'-8256' (2 SPF), 8390'-8398' (2 SPF) & 8441-8445' (4 SPF) 44 HLS. POOH & L/D TLS. R/U PUMP SERV. BRK PERFS @ 5240#, EST INJ RATE @ 35.8 BPM, 5700#, FG: 0.75 PSI/FT, ISIP: 2600#. PERFS OPEN CALC 78% (34/44). TOTAL SN PUMP: 101,392# 20/40 & TOTAL FLUID PUMP: 729 BBLS LIGHTNING 18. MR: 39.8, MP: 4769#. AR: 39.7, AP: 4600#. ISIP: 3500#, FG: 0.85 PSI/FT, NET PRES INCR: 900#.
- STAGE 3: R/U WL SERV, P/U 10K CBP & 3-3/8" PERF GUN, 23 GM, 0.35 HLS. RIH SET CBP @ 7650', SHOOT GROSS MESA VERDE INTERVAL F/7536' T/7613' @ 7536'-7544' (2 SPF) & 7605-7613' (2 SPF) 32 HLS. POOH, L/D WL TLS. R/U PUMP SERV. BRK PERFS @ 5381#, EST INJ RATE @ 37.1 BPM, 5600#, ISIP: 2350#, FG: 0.74 PSI/FT. PERFS OPEN CALC 67% (21/32). TOTAL SN PUMP: 213,133# 20/40 & TOTAL FLUID PUMP: 1568 BBLS LIGHTNING 18. MR: 44.9, MP: 5400, AR: 44.7 AP: 5037. ISIP: 3100, FG: 0.84. PSI/FT, NET PRESS INCR: 750#.
- STAGE 4: R/U WL SERV. P/U 10K CBP & 3-3/8" PERF GUN, 23 GM, 0.35 HLS. RIH, SET CPB @ 7390', P/U PERF GUNS AND SHOOT GROSS MESA VERDE INTERVAL F/7216' T/7352' @ 7216-7224' (2 SPF) & 7344'-7352' (2 SPF) 32 HLS. POOH, L/D WL TLS. R/U PUMP SERV. BRK PERFS @ 3447#, EST INJ RATE @ 39 BPM, 5100#. PERFS OPEN CALC 100% (32/32). TOTAL SN PUMP: 135,346# 20/40 & TOTAL FLUID PUMP: 974 BBLS

- LIGHTNING 18. MR: 45.2, MP: 4320#, AR: 45.2, AP: 4149#. FG: 0.77 PSI/FT, NET PRES INCREASE: 370#, ISIP: 2420#.
- STAGE 5: R/U WL SERV. P/U 10K CBP & 3-3/8" PERF GUN, 23 GM, 0.35 HLS. RIH, SET CBP @ 7168', P/U PERF GUNS AND SHOOT GROSS MESA VERDE INTEVAL F/7062' T/7142' @ 7134'-7142' (2 SPF) & 7062'-7070' (2 SPF) 32 HLS. POOH, L/D WL TLS, R/U PUMP SERV. BRK PERFS @ 3360#. EST INJ RATE: 38.6 BPM, PRESS: 5860#. ISIP: 2050#, FG: 0.72 PSI/FT, PERFS OPEN CALC 62% (20/32). TOTAL SN PUMP: 212,770# 20/40 & TOTAL FLUID PUMP: 1565 BBLS LIGHTNING 18. MP: 5136#, MR: 45.4, AP: 4482#, AR: 45.2 BPM, ISIP: 2700#, FG: 0.82 PSI/FT. NPI: 650#. R/D PUMP SERV & WL SERV.
- STAGE 6: P/U 10K CBP & 3-1/8" OD HSC PER GUN, 21 GM, 0.34 HLS RIH, SET CBP @ 6950'. P/U PERF GUNS AND SHOOT WASATCH INTERVAL @ 6850-6860' (2 SPF) 20 HLS. POOH, P/U 3-1/8" OD HSC PERF GUN, RIH, SHOOT GROSS WASATCH INTERVAL F/6614 T/6750' @ 6742-6750' (2 SPF) & 6614-6617' (4 SPF) 28 HLS. POOH, L/D TLS & LUB, SDFN.
- R/U PUMP SERV. BRK PERFS @ 1950#. EST INJ RATE: 41.5 BPM, PRESS: 5431#. ISIP: 2250#, FG: 0.77 PSI/FT. TOTAL SN PUMP: 162,256# 20/40 & TOTAL FLUID PUMP: 1285 BBLS LIGHTNING 18. MP: 4208#, MR: 45.5, AP: 4008#, AR: 45.3 BPM, ISIP: 2600#, FG: 0.82 PSI/FT. NPI: 350#. R/D PUMP SERV & WL SERV.
- STAGE 7: R/U WL SERV. P/U 10K CBP & 3-3/8" PERF GUN, 23 GM, 0.35 HLS. RIH, SET CBP @ 6500', P/U PERF GUNS AND SHOOT GROSS WASATCH INTEVAL F/6314' T/6422' @ 6314'-6322' (2 SPF) & 6414'-6422' (2 SPF) 32 HLS. POOH, L/D WL TLS, R/U PUMP SERV. BRK PERFS @ 2958#. EST INJ RATE: 45.6 BPM, PRESS: 5400#. ISIP: 1870#, FG: 0.73 PSI/FT. TOTAL SN PUMP: 177,297# 20/40 & TOTAL FLUID PUMP: 1341 BBLS LIGHTNING 18. MP: 3810#, MR: 46.2, AP: 3625#, AR: 45.7 BPM, ISIP: 2088#, FG: 0.82 PSI/FT. NPI: 2018#. R/D PUMP SERV. RIH & SET 5K CPB @ 6200'. R/D WL SERV. P/U POBS & 3-7/8" BIT, RIH TAG CBP @ 6200'. R/U DRILL EQUIP AND D-O PLUG. TOOK 300# KICK, RIH TAG SN @6440' (20' SN) ON CBP. C-O SN AND D-O CBP TOOK 200# KICK, RIH TAG @ 6900'. P/U SWIVEL AND PLUG BIT. TRY TO WORK OUT PLUG. COULD NOT AND POOH. LEFT 40 JTS IN WELL FOR KILL STRING EOT 1260' SWIFN.
- MIRU. 1100# SICP KILL WL W/210 BBL 10# BRINE POOH L/D POBS & BIT PICK UP NEW POBS & BIT RIH TAG SD @ 6900' RU DRLG EQUIP C-O SN DRLG PLUG @ 6950' NO KICK RIH TAG @ 7150' 18' SD ON PLUG C-O SN DRLG PLUG @ 7168' NO KICK RIH TAG @ 7360' 15' SN ON PLUG C-O SN DRLG PLUG @ 7390' 100# KICK CIRC CLEAN SWIFN.
- MIRU. 700# SICP RIH TAG @7630' 20' SN ON PLUG C-O SN DRLG PLUG @ 7650' 100# KICK RIH TAG @ 8470' 10' SN ON PLUG C-O SN DRLG PLUG @ 8480' 500# KICK RIH TAG @ 8717' CIRC CLEAN PULL & L/D 23 JTS 2-3/8 TBG LAND ON WL HEAD W/252 JTS 2-3/8 EOT 8204' N/D BOP N/U TREE PMP OFF BIT R/D TURN WL TO FLOW CREW. FLOW ON 24/64 CHK W/ TP:1600#, CP: 1000#.
- WELL ON FLOW BACK FOR 3 DAYS BEFORE GOING INTO SALES. WELL WENT ON SALES 8/22/04, 12:00 AM. 2000 MCF, 18/64 CHK, SICP: 2160#, FTP: 1599#, 15 BWPH. FINAL REPORT.
- WELL IP'D: 1663 MCF, 0 BC, 360 BW, TP: 1413#, CP: 2042#, 18/64 CHK, 24 HRS, LP: 160#.

NBU 1022-6A RECOMPLETION PROCEDURE

GENERAL:

- A minimum of **9 tanks** of fresh water will be required for the fracturing schedules.
- Perforation depths are from the Halliburton High Resolution Induction Spectral Density Dual Spaced Neutron Log dated July 31, 2004.
- **Perforation phasing:** 4 spf, 90 degrees.
- 4 fracturing stages required for coverage the Wasatch group only.
- 20/40 mesh sand, 18-20#/1000 gal. gel loading or as specified by service company.
- Scale Inhibitor: Nalco DVO-005, 10 gal/1000 in pre-pad/flush, 3 gal/1000 in pad and half of the ramp.
- Include Schlumberger "Propnet" or BJ "Flexsand" in all fracturing stages per current blending practice, depending upon the service company pumping the job.
- **Pop-Offs:** Install pop-off valves on the surface/production casing annulus set at 1500 psi.
- Use 500 gal 15% HCL in flush on all stages.
- Maximum surface pressure 7500 psi.

PROCEDURE:

- 1. MIRU. Kill well as needed. N/D WH, N/U and test BOP. POOH with 2.375" 4.7# J-55 tubing landed at 8205'. Tubing is swung. L/D damaged joints and replace as needed with "yellow band" tubing.
- 2. PU 3.875" bit and tubing and make a cleanout trip to the original 8766' PBTD. Circulate 2% KCL water and POOH.
- 3. Set a 5000 psi CBP at ~6104'. Pressure test BOPs and casing to 7500 psi.
- 4. Perforate the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

- 5. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 1 in the attached listing. Pump rate reduced to avoid underlying water zone. Under displace to ~6018'.
- 6. Set 5000 psi CBP at 5908'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

7. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 in the attached listing. Pump rate reduced to maximize fracture half-length. Under-displace to ~5822'.

8. Set 5000 psi CBP at ~5400'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

5226-5230' 4 spf 5365-5370' 4 spf

- 9. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. **Pump** rate reduced to maximize fracture half-length. Under-displace to ~5176'.
- 10. Set 5000 psi CBP at ~4773'. Perf the following with 3-3/8" expendable gun, 23 gm, 0.35" hole:

4737-4743' 4 spf

- 11. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. **Pump** rate reduced to maximize fracture half-length. Under-displace to ~4687'.
- 12. Set 5000 psi CBP at ~4500'.
- 13. TIH with 3 7/8" mill, pump-off bit sub, SN and tubing. Drill out plugs to ~6104' MD. R/U Air Foam Unit, establish circulation and drill out plug at ~6104'. Clean out to PBTD.
- 14. Land tubing at ~8205'. N/D BOPs, N/U WH. Drop ball and shear off bit.
- 15. RDMO

L. S. Ashcraft

NBU 1022-6A (recompletion) Perforation & CBP Summary

Zones	Perforations		SPF	Length	Holes	Fracture	Remarks	
	Top, ft.	Bot., ft.		ft.		Coverage		
Action to the co	e land de la	Light of the sp	144 Days Lave	34 -475.3	THE WEST		6104' TPBTD	
Tw	6068	6074	4	6	24	5938-6174' MD	STAGE 1	
					New Year	1 5 - 56, 343 mais	5K CBP @ 5908'	
Tw	5872	5878	4	6	24	5761-5998' MD	STAGE 2	
		e in the second		Kaday bad			5K CBP @ 5400'	
Tw	5226	5230	4	4	16			
Tw	5365	5370	4	5	20	5107-5458' MD	STAGE 3	
			A Agent				5K CBP @ 4773'	
Tw	4737	4743	4	6	24	4639-4805' MD	STAGE 4	
					S Description	Turk That Hall Hall	5K CBP @ 4500'	

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY I Do not use this abandoned well.	U-1195 6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well			NATURAL BUTTES UNIT			
Oil Well X Gas Well	Other		8. Well Name and No.			
2. Name of Operator			NBU 1022-6A			
KERR-McGEE OIL & GAS C	NSHORE LP		9. API Well No.			
3a. Address		3b. Phone No. (include area code)	4304735174			
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,		tion)	NATURAL BUTTES			
			11. County or Parish, State			
NENE SECTION 6, T10S, R	22E 1023'FNL, 75'FE	ĒL.	UINTAH COUNTY, UTAH			
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTIC	E, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACT	ION			
Notice of Intent	Acidize Alter Casing	Fracture Treat Reclar	=			
Subsequent Report	Casing Repair	New Construction Recom	plete Other			
	Change Plans		Disposal			
Final Abandonment Notice	Convert to Injection		•			
If the proposal is to deepen directions Attach the Bond under which the wo	ally or recomplete horizontally, rk will be performed or provide operations. If the operation re- bandonment Notices shall be fi	give subsurface locations and measured and the Bond No. on file with BLM/BIA. If sults in a multiple completion or recomple	of any proposed work and approximate duration thereof. d true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days tion in a new interval, a Form 3160-4 shall be filed once reclamation, have been completed, and the operator has			

AN RECOMPLETION WAS PERFORMED ON THE SUBJECT WELL LOCATION. THE SUBJECT WELL LOCATION WAS PLACED BACK ON PRODUCTION ON 04/29/2006 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct								
Name (Printed/Typed)	Title							
Sheila-Upchego	Regulatory Anal	gulatory Analyst						
Signature	Date May 4, 2006							
THIS SPACE FOR FEDERAL OR STATE USE								
Approved by	Title	Date						
Conditions of approval, if any, are attached. Approval of this notice does not warracertify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	lease							
which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowing false fetitious or froughlent statements or representations as to any magnetic or frontly the statements of the second	ngly and willfully to r	nake to any department or agency of the United States any						

WESTPORT OIL & GAS COMPANY, LP

CHRONOLOGICAL HISTORY

NBU 1022-6A

WORKOVER/RECOMPLETION

04/21/06

PROG:7:00 A.M. HOLD JSA

RIG DN RIG & EQUIP. ROAD RIG & EQUIP F/ NBU 921-15P TO LOC. MIRU. CONT TO BLEED WL DWN. NDWH. NUBOPE. UNLAND TBG @ 8204'. MIRU NALCO, PICKLE TBG W/ 4 BBLS 15% HCL. FOLLOWED BY 5 BBLS 2% KCL W/ 55 GALS NALCO DVE-005 SCALE INHIB. DISPLACE TO EOT W/ 30 BBLS KCL. BEGIN TO POOH W/ TBG. AFTER 800' PULLED WL BLEW IN. R/U PMP & LINES. PMP 100 BBLS 2% KCL DWN TBG. CONT TO POOH. L/D BIT SUB. MIRU CUTTERS W.L. SVC. P/U 3-7/8" DRIFT & RIH TO 6150'. POOH. P/U 4 1/2" 10K BAK CBP & RIH. SET CBP @ 6104'. POOH. RDMO CUTTERS. NDBOP. NU FRAC VLV'S. # TST FRAC VLV'S & CSG TO 7500# (HELD). PREP TO FRAC MONDAY A.M. SWI. SDFWE

04/24/06

PROG: MIRU SCHLUMBERGER & CUTTERS WIRELINE SERVICE. PU 3-3/8" PERF GUN. RIH, PERF: 6068-6074', 4 SPF TOT OF 24 HOLES. POOH, LD WL TLS. MU D/S. HSM.

STAGE 1: OPEN WL: O #. BRK: 3331 #, ISIP: 1465 #, FG: 0.67. EST RATE: 25.4 BPM@ 2900 #. POC: 79%. FRAC STAGE AS PER DESIGN W/YF 118 ST+ GEL. ALL STAGES WILL USE NALCO 005 SCALE INHIB (10 GPT IN FLUSH & 3 GPT THRU 0.5 RAMP) EA STAGE WILL ADD PROP NET IN LAST 10% OF SD. START PROP NET @ 8400 # (3 SX). TOT SND: 103,300 LBS, TOT FL: 915 BBL. ISIP: 1525 #, FG: 0.68. MR: 25.4 BPM, MP: 3213 #, AR: 24.2 BPM, AP: 2100 #.

STAGE 2: MU CWLS, PU 4.5" 8K BAKER CBP & 3-3/8" PERF GUN. RIH, SET CBP @ 5914', PU, PERF: 5872-5878', 4 SPF, TOT OF 24 HOLES. POOH, LD WL TLS. MU D/S. OPEN WL: 66 #. BRK: 2011 #, ISIP: 1440 #, FG: 0.68. EST RATE: 25.3 BPM @ 2300 #. FRAC STAGE AS PER DESIGN W/YF 116 ST+ GEL. POC: 100%. INITIATE PROP NET @ 84000 LBS SD (3 SX). TOT SD: 103,400 LBS, TOT FL: 815 BBL, ISIP: 2080 #, FG: 0.79. MR: 25.8 BPM, MP: 2971 #, AR: 24.4 BPM, AP: 2088 #.

STAGE 3: MU CWLS, PU 4.5" 8K BAKER CBP & 3-3/8" PERF GUN. RIH, SET CBP @ 5400', PU PERF: 5226-5230' & 5365-5370', 4 SPF EA, TOT OF 36 HOLES. POOH, LD WL TLS. MU D/S. OPEN WL 0 #. BRK 2147 #. ISIP 550 #. FG .54. EST RATE 25.1 BPM @ 1600 #. FRAC STAGE AS PER DESIGN W/YF 116 ST+ GEL. POC 78%. INTIATE PROP NET @222,500 LBS SD (8 SX) TOT SD: 256,700 LBS,TOT FL:1883 BBL, ISIP: 1965 #, FG: 0.81 MR: 25.7 BPM, MP: 2418 #, AR: 24.9 BPM, AP: 1701 #.

MU CWLS. PU 4.5" 10K MAX CBP. RIH, SET CBP @ 4670', POOH, LD WL, RDMO CWLS

04/25/06

PROG: HSM. PU 3-7/8"MILL & POS. RIH W/MILL, SUB & TBG. TAG FILL ON KILL PLUG @ 4660'. RD TBG EQUIP, RU DRLNG EQUIP. TOP TWO CBPs ARE NEW STYLE 4.5" MAX PLUGS. DRL OUT PLUGS AS FOLLOWS:

PLUG#	FILL DPTH	PLUG DPTH	DRL	MINS PSI INCR.
1	4660'	4670'	28	400 PSI
2	4755'	4780'	60	300
3	5340'	5400'	35	0
4	5884'	5914'	30	0
5	5985'	6104'	35	0

RD DRLNG EQUIP, RU TBG EQUIP. CONT TO RIH W/MILL & TBG. PU 10 JTS FROM FLOAT, CONT TO RIH. TAG @ 8486'. POOH, LD 5 JTS, PREP TO START FOAM UNIT IN MORNING. SWI, SDFN.

04/26/06

PROG: HSM. RU WEATHERFORD FOAM UNIT, EST CIRC (1 HR). RU PMP TO TBG TO KILL. PU & RIH W/5 JTS TBG, TAG BRIDGE @ 8486', MU IN-LINE FLOAT, START DRLG W/FOAM. HARD LINE TO FBT WASHED OUT, MAKE REPAIRS. CONT TO CLEAN OUT TO 8708'. PU, SPOT BIOCIDE IN RATHOLE. POOH, LD 17 JTS TBG. ND BOP, NU WH. HANG OFF TBG W/EOT@ 8202' DROP BALL, MU PMP TO TBG, PMP OFF SUB & MILL. RD RIG, WL DEAD, WAIT.

PROG:WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1500#, TP: 0#, OPEN CHK, N/A BWPH, 15 HRS, SD:N/A, TTL BBLS FLWD: N/A, TODAYS LTR: 2675 BBLS, LOAD REC TODAY: N/A BBLS, REMAINING LTR: 2675 BBLS, TOTAL LOAD REC TO DATE: N/A BBLS.

04/27/06

PROG: WL WOULD NOT FLW BK. MIRU FOAM UNIT. FOAM UNTIL CSG CLEARED. TURN WL OVER TO FLW BK CREW (DON SOLMONSON W/DELSCO).

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 800#, TP: 90#, OPEN CHK, 15 BWPH, 21 HRS, SD: TRACE, TTL BBLS FLWD: 411 TODAYS LTR: 2675 BBLS, LOAD REC TODAY: 411 BBLS, REMAINING LTR: 2264 BBLS, TOTAL LOAD REC TO DATE: 411 BBLS.

04/28/06

PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 800#, TP: 90#, OPEN CHK, 15 BWPH, 21 HRS, SD: TRACE, TTL BBLS FLWD: 411 TODAYS LTR: 2675 BBLS, LOAD REC TODAY: 411 BBLS, REMAINING LTR: 2264 BBLS, TOTAL LOAD REC TO DATE: 411 BBLS.

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 700#, TP: 60#, OPEN CHK, 10 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 266 TODAYS LTR: 2264 BBLS, LOAD REC TODAY: 266 BBLS, REMAINING LTR: 1998 BBLS, TOTAL LOAD REC TO DATE: 677 BBLS.

05/01/06

ON SALES

04/27/06: FLOW TESTING 04/28/06: FLOW TESTING

04/29/06: 493 MCF, 0 BC, 96 BW, TP: 648#, CP: 943#, 18/64 CHK, 14 HRS, LP: 103#.

05/02/06

ON SALES

04/30/06: 682 MCF, 0 BC, 120 BW, TP: 376#, CP: 810#, 20/64 CHK, 24 HRS, LP: 11#ECEIVED

05/03/06 ON SALES

05/01/06: 1050 MCF, 0 BC, 144 BW, TP: 389#, CP: 771#, 20/64 CHK, 24 HRS, LP: 108#.

05/04/06 ON SALES

05/02/06: 967 MCF, 0 BC, 144 BW, TP: 374#, CP: 751#, 20/64 CHK, 24 HRS, LP: 107#.

RECEIVED

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DIV. OF OIL, GAS & MINING

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	***		WII L-11								U-01	195			
la. Type of	f Well Completion	Oil V	Well X	Gas	Dry Work Over	Other Deepen	По	lug Pagle	□ Diff	Decur	6.	If Indian,	Allottee	or Tril	be Name
o. Type of	·		Other _	·	work Over	Deepen		ing Back	, Dill.	icsvi.	ŀ		A Agreer 008900		lame and No.
2. Name of	-												me and V	_	0.
	AcGEE C	IL & G	AS ONS	SHORE L	<u>-P</u>		la 101	N. //	, ,	7.1	NB	U 10	22-6	4	
3. Address								ione No. (in		i coae)	9.	API Well	No.		
					AH 8407)-781-70	24		4304	73517	4		•
4. Location	of Well (R	eport loci	ntions clea	rly and in a	ccordance v	vith Federal req	uiremen	its)*			10.	Field and	Pool, or	Explo	oratory
At surface			NE	NE 1023	'FNL, 75	'FEL					NAT	ÜRAL I	BUTTE	S	
													R., M., 01		
At top proc	l. interval re	ported be	low									Survey o County o		SEC	6, T10S, R22E 13. State
											UIN7	-	1 411511		UTAH
At total dep 14. Date S			115	Date T.D. R	eached		16 Da	te Complet	ed				ns (DF, R	KB. R	
	-			23/04	cached			D & A	X Read	ly to Prod.	5094		(,	,	
06/04/04							04/29		····						
18. Total I	Depth: MI TV		8801'	19. F	lug Back T.	.D.: MD TVD	8766	; '		20. Depth	Bridge	Plug Set	: MD TVD		
21 Type F		_	hanical I o	os Run (Sul	mit copy of			·	22 Was	well cored	2 🗖 N	0 🗖	Yes (Sul	mit c	opy)
ZI. Type I	incure & O	the Mee	namear Lo	ga Ituli (out	min copy of	(00011)				DST run?		_	Yes (Sul		
									Dire	ctional Sur	vey? □	No	Yes	(Subm	nit copy)
23. Casing	and Liner I	Record (1	Report all :	strings set in	ı well)				<u> </u>						
	Size/Grade			op (MD)	Bottom (I	MD) Stage Ce	menter	No. of	- 1	Slurry V		Cement	Top*	A	mount Pulled
				ор (МБ)	<u> </u>	Dep	th		Cement	(BBL)					
20"	14"	60#			54'			50			- -				
12 1/4"	9 5/8"	32.3			1865			2470	SX						
7 7/8"	4 1/2"	11.6	+		8801			2470	7.57		_				
24. Tubing	Record		1												
Size	Depth Se	et (MD)	Packer D	epth (MD)	Size	Depth Se	t (MD)	Packer De	pth (MD)	Siz	е	Deptl	Set (MI) F	Packer Set (MD)
2 3/8"	820)2'										ļ			
												}			
25. Produc	ing Interval					26. Perfo			γ			77 1	Τ	D 0	Charles
	Formation			Тор	Botton		rforated			Size		Holes 08	-		: Status PEN
1.5/	WASATO	JH		4737'	6074	4	737'-6	0074	- - ').35	!	06	ļ	<u> </u>	FEIN
B)					<u> </u>								 		
C) D)					 								 		
	racture, Tre	eatment, C	Cement Sa	ueeze, Etc.	<u> </u>	· 1							1		
	Depth Inter							Amount an	d type of N	/laterial					
	4737'-60	74'	PM	P 4145 E	BLS YF	116ST & 52	6,600#	# 20/40 \$	SD						
													 	-	
						<u></u>		 -							
	tion - Interv		Tr4	loil	Gas	Water	Oil Grav	ritsr	Gas		Product	ion Method	1		
Date First Produced	Test Date	Hours Tested	Test Production	i i	MCF	BBL	Corr. Al	-	Gravity				_		
	05/01/06		\rightarrow	0	1,050	144						FLOV	NS FR	<u>/ MC</u>	NELL
Choke		Csg.	24 Hr.	Oil	Gas	Water	Oil Grav	-	Well Status						
	Flwg. 389# SI	Press. 771#	Rate	BBL 0	мсғ 1050	BBL 144	Con. Al			PF	RODU	CING	GAS W	ELL	
	ction - Inter			<u> </u>	1 1000	<u> </u>			L						
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Grav	-	Gas		Product	ion Method	i		
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. AI	PI	Gravity						
OlI		Con	24 11-	l Oil	Gas	Water	Oil Grav	vity	Well Status	EIVE	ED.				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	MCF	BBL	Corr. Al	-		2 0 20	ne				
	SI		\rightarrow				1		MAI	3 0 20	Ub				

	duction - Int		Im .	lon	10	137.4	loae :	10 0 :	Dec direction 34-41-3	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	erval D	_ E.	·						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
29. Dispo	osition of Ga	s (Sold, use	ed for fuel, v	ented, etc.)	<u> </u>		· · · · · · · · · · · · · · · · · · ·	*		
	nary of Poro	us Zones (l	nclude Aqui	ifers):				31. Formatio	on (Log) Markers	
tests,	all importar including de ecoveries.	nt zones of opth interva	porosity and	l contents th	nereof: Core	d intervals an	d all drill-stem shut-in pressures			
For	mation	Тор	Bottom		Descrip	tions, Content	s, etc.		Name	Top Meas. Depth
WASA\	TCH /ERDE	4479' 7042'	7042'							
32. Addit	ional remark	s (include 1	plugging pro	cedure):						
		·								
1. Ele 5. Su	e enclosed att ectrical/Mecl ndry Notice	nanical Log for pluggin	g and cemer	nt verificatio	on 5.	Geologic Rep Core Analysis	7. Otl		4. Directional Survey	
36. I hereb	y certify tha	t the forego	oing and atta	ched inforn	nation is com	plete and corr	ect as determined	from all available	records (see attached in	structions)*
Name	(please print	SHEIL	_A UPCH	IEGO	-1		Title	REGULA ⁻	TORY ANALYST	
Signat	ure	Mu	W	1/1/2	MY	90	Date	5/25/2006	i	
Title 18 U	S.C. Section	1001 and T	itle 43 U.S.C	C. Section 12	212, make it a	crime for any as to any matt	person knowingly er within its jurisd	and willfully to miction.	nake to any department or	agency of the United

o U.S. GPO: 1999-573-624

Sundry Number: 16928 API Well Number: 43047351740000

	CTATE OF UTALL		FORM 9	
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		5.LEASE DESIGNATION AND SERIAL NUMBER:	
	DIVISION OF OIL, GAS, AND MIN	ING	U-1195	
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 1022-6A		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047351740000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S	PHON treet, Suite 600, Denver, CO, 80217 3779	IE NUMBER: 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1023 FNL 0075 FEL	COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 06	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME	
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
✓ SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
7/19/2011	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
_	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION	
·	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pert	inent details including dates, depths, v	olumes, etc.	
	LL WAS RETURNED TO PRODU			
		_		
			Accepted by the	
			Jtah Division of	
			, Gas and Mining	
		FOR	RECORD ONLY	
NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst		
SIGNATURE N/A		DATE 7/25/2011		

Sundry Number: 46394 API Well Number: 43047351740000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH		FORM 9					
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI	-	5.LEASE DESIGNATION AND SERIAL NUMBER: U-1195					
SUNDR	Y NOTICES AND REPORTS O	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
current bottom-hole depth, i	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.							
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1022-6A					
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	9. API NUMBER: 43047351740000							
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th	n Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-6	9. FIELD and POOL or WILDCAT: 5NATUERAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1023 FNL 0075 FEL	COUNTY: UINTAH							
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NENE Section: 0	STATE: UTAH							
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
		ALTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
1/2/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION					
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK					
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	▼ TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
	WILDCAT WELL DETERMINATION	OTHER	OTHER:					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to Temporarily Abandon or Shut-In the subject well to accommodate recompletion drilling operations for the referenced well location. Please see the attached procedure. Thank you. Solution of the volume of the procedure of								
NAME (PLEASE PRINT) Matthew P Wold	PHONE NUMBE 720 929-6993	R TITLE Regulatory Analyst I						
SIGNATURE	120 323-0333	DATE						
N/A		1/2/2014						

Sundry Number: 46394 API Well Number: 43047351740000

Well Name: NBU 1022-6A 12/19/2013

Surface Location: SWSE Sec. 6, T10, R22E

Uintah County, UT

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: **LEASE#:** U-01195 4304735174

ELEVATIONS: 5094' GL 5109' KB

TOTAL DEPTH: 8801' **PBTD:** 8766'

SURFACE CASING: 9 5/8" 32.3 H-40 @ 1865'

4 1/2" 11.6# I-80 @ 8801' PRODUCTION CASING:

TOC @ 2135' per CBL

PRODUCTION TUBING: 2 3/8" 4.7 J-55 @ 8205', per REC rpt 8/19/04

PERFORATIONS: 6314' - 8602'* (Well Completion report shows incorrect MV MESAVERDE

perfs)

WASATCH 4737' - 6074'

Tubular/Borehole	Drift	Collapse	Burst	Capacities					
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.			
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02171	0.00387			
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155			
9.625" 32.3# H-40 csg	8.845	1400	2270	3.3055	0.4418	0.0787			
Annular Capacities									
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01			
4.5" csg. X 9.625" 32.3# csg.	2.478	0.3314	0.059						
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406			
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558			

GEOLOGICAL TOPS:

4479' Wasatch 7042' Mesaverde

RECEIVED: Jan. 02, 2014

Sundry Number: 46394 API Well Number: 43047351740000

NBU 1022-6A TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 45 sx of cement needed to perform procedure.

Note: No gyro ran previously.

- MIRU. KILL WELL AS NEEDED (TO INCLUDE SURFACE CSG PRESSURE). ND WH, NU AND TEST BOPE.
- 2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO ENSURE WELLBORE IS CLEAN.
- 3. RUN GYRO SURVEY.
- 4. PLUG #1, ISOLATE MV/WAS PERFORATIONS (4737' 8602') & TOP OF WASATCH (4479'): RIH W/ 4 ½" CBP. SET @ ~4700'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 27 SX/ 5.4 BBL/ 30.5 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~4350'). REVERSE CIRCULATE W/ TREATED FRESH WATER (~2 BBLS).
- 5. PLUG #2, PROTECT BASE OF USDW (~4109'): PUH TO ~4220'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 18 SX / 3.4 BBL / 19.2 CUFT AND BALANCE PLUG W/ TOC @ ~4000' (~220' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER (~65 BBLS).
- 6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
- 7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 12/19/2013

RECEIVED: Jan. 02, 2014